



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Acrylonitrile/butadiene copolymer Molecular Formula: (C ₄ H ₅ CHN)
Catalog Number(s):	053, 054, 055, 415, 533, 527, 539, 530, 531, 532, 533, 551, 553, 554, 555, 556, 557
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519
Telephone:	585/765-0113
Fax:	585/765-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-255-3924 (CHEM TRI)

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture. GHS Label elements, including precautionary statements Not a hazardous substance or mixture. Hazards not otherwise classified (HNOC) or not covered by GHS – none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Ingredient	CAS Number	Concentration (%)
Acrylonitrile/butadiene copolymer	9003-18-3	100

Section 3: Composition/Information on Ingredients	
Description of first aid measures If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact: Wash off with soap and plenty of water. In case of eye contact: Flush eyes with water as a precaution. If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity No data available Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Genes cell mutagenicity No data available Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	

Section 12: Ecological Information	
Conditions to avoid No data available Incompatible materials Strong oxidizing agents Hazardous decomposition products No data available In the event of fire: see section 5	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting level established by SARA Title III, Section 313. SARA 311/312 Hazards No Significant Hazard Massachusetts Right To Know Components No component are subject to the Massachusetts Right to Know Act. Pennsylvania Right to Know Components CAS-No. 9003-18-3 Acrylonitrile/butadiene copolymer	

Section 16: Other Information	
HMIS Rating Health: 0 Environment: 0 Reactivity: 0 NFA Rating Health: 0 Environment: 0 Reactivity: 0 This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	

Section 17: Additional Information	
Reproductive toxicity No data available Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available Aspiration hazard No data available Additional Information No data available	

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Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon oxides, nitrogen oxides (NOx) Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8. Environmental precautions Do not let product enter drains. Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Specific end use(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practices	

Section 12: Ecological Information	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting level established by SARA Title III, Section 313. SARA 311/312 Hazards No Significant Hazard Massachusetts Right To Know Components No component are subject to the Massachusetts Right to Know Act. Pennsylvania Right to Know Components CAS-No. 9003-18-3 Acrylonitrile/butadiene copolymer	

Personal protective equipment

Eye/Face protection
Use goggles or face shield for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 1861(E).

Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves' outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Those body protection measures in relation to the type, to the concentration and amount of dangerous substances, and to the use of the product. This information must be obtained according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P2 (EN) respirator equipped with appropriate filter components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let enter drains

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Sub
b) Color	Color: White, odor
c) Odor	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Auto-ignition temperature	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosion limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	Insoluble
o) Partition coefficient n: octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Polymers	No data available
s) Oxidizing properties	No data available
t) Reducing properties	No data available
Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Possibility of hazardous reaction No data available	

New Jersey Right to Know Components	
Acrylonitrile/butadiene copolymer	CAS-No. 9003-18-3
California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information	
HMIS Rating Health: 0 Flammability: 0 Reactivity: 0	NFPA Rating Health: 0 Flammability: 0 Reactivity: 0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.

Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Butyl methacrylate/isobutyl methacrylate copolymer	
Catalog Number(s):	209	Molecular Formula: (C ₁₁ H ₁₈ O ₂ +C ₁₀ H ₁₆ O ₂) _n
Company:	Scientific Polymer Products, Inc. 6085 Dean Parkway Olathe, MO 64150	
Telephone:	585/765-0413	
Fax:	585/765-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	
Section 2: Hazards Identification		

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Butyl methacrylate/isobutyl methacrylate copolymer	9011-53-4	100
Section 4: First Aid Measures		
Description of first aid measures If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact Wash off with soap and plenty of water. In case of eye contact Flush eyes with water as a precaution. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.		

Section 11: Toxicological Information	
Conditions to avoid No data available	
Incompatible materials Strong oxidizing agents, Strong acids, strong bases	
Hazardous decomposition products On heating, it may decompose to form butadiene and methyl methacrylate. No data available	
In the event of fire, see section 5	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity No data available	Acute toxicity No data available
Inhalation: No data available	Inhalation: No data available
Dermal: No data available	Dermal: No data available
Skin corrosion/irritation No data available	Skin corrosion/irritation No data available
Serious eye damage/eye irritation No data available	Serious eye damage/eye irritation No data available
Respiratory or skin sensitization No data available	Respiratory or skin sensitization No data available
Germ cell mutagenicity No data available	Germ cell mutagenicity No data available
Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity No data available	Reproductive toxicity No data available
Specific target organ toxicity - single exposure No data available	Specific target organ toxicity - single exposure No data available
Specific target organ toxicity - repeated exposure No data available	Specific target organ toxicity - repeated exposure No data available
Aspiration hazard No data available	Aspiration hazard No data available
Additional Information No data available	Additional Information No data available

Most important symptoms and effects, both acute and delayed
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture Carbon oxides	
Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.	
Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions Do not let product enter drains.	
Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place.	
Specific end use(s) Laboratory chemicals, Manufacture of substances	
Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values.	
Exposure controls Appropriate engineering controls General industrial hygiene practices.	

Section 12: Ecological Information	
Toxicity No data available	
Persistence and degradability No data available	
Bioaccumulative potential No data available	
Mobility in soil No data available	
Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects No data available	
Section 13: Disposal Considerations	
Waste treatment methods Product Other surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging Dispose of as unrec'd product.	
Section 14: Transport Information	
DOT (US) Not dangerous goods	
IMDG Not dangerous goods	
IATA Not dangerous goods	
Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards No SARA Hazards	
Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components Butyl methacrylate/isobutyl methacrylate copolymer	
CAS-No. 9011-53-4	

Personal protective equipment

Eye/Face protection
Wear eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Wear protective clothing in addition to the above to the concentration and amount of dangerous substance, and to the specific exposure. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or P2 (EU) respirators tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of exposed atmosphere
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	No data available
e) Initial boiling point and boiling range	No data available
f) Flash point	No data available
g) Auto-ignition temperature	No data available
h) Flammability (solid, gas)	No data available
i) Upper/lower flammability or explosive limits	No data available
j) Vapor pressure	No data available
k) Vapor density	No data available
l) Relative volatility	No data available
m) Water solubility	Negligible
n) Partition coefficient: n-octanol/water	No data available
o) Biodegradability	No data available
p) Decomposition temperature	No data available
q) Viscosity	No data available
r) Density	No data available
s) Refractive index	No data available
t) Dielectric properties	No data available
u) Conductivity	No data available
Other safety information No data available	
Section 10: Stability and Reactivity	
Reactivity No data available	
Chemical stability Stable under recommended storage conditions.	
Possibility of hazardous reactions No data available	

New Jersey Right to Know Components	
Buyer methacrylate/isobutyl methacrylate copolymer	CAS-No. 9011-53-4
California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	
Section 16: Other information	
HMIS Rating	NEPA Rating
Health: 0	Health: 0
Environment: 0	Environment: 0
Reactivity: 0	Reactivity: 0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	

Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Cellulose acetate	Molecular Formula: Unspecified
Catalog Number(s):	083	
Company:	Scientific Polymer Products, Inc. 6085 Dean Parkway Orlando, FL 32815	
Telephone:	585/785-0413	
Fax:	585/265-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3934 (C-HEM TEL)	
Section 2: Hazards Identification		

Chemical stability	
Stable under recommended storage conditions.	
Possibility of hazardous reactions	
Can decompose at elevated temperatures.	
Conditions to avoid	
Incompatible materials	
Strong oxidizer & agent	
Hazardous decomposition products	
In the event of fire: see section 5	
Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	
No data available	
Specific target organ toxicity - single exposure	
No data available	
Specific target organ toxicity - repeated exposure	
No data available	
Aspiration hazard	
No data available	

In case of skin contact
Wash off with soap and plenty of water. Get medical attention if symptoms occur.

In case of eye contact
Flush eyes with water. If easy to do so, remove contact lenses. Get medical attention if symptoms persist.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical advice.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed
Contact with molten substance/product may cause severe burns to skin and eyes. Treat symptomatically.

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture Powdered material may form explosive dust-air mixtures.	
Advice for firefighters Minimize dust generation and accumulation. Wear self-contained breathing apparatus and full protective clothing for firefighting if necessary.	
Further information No data available	
Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions No special environmental precautions required.	
Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections For disposal see section 13.	
Section 7: Handling and Storage	
Precautions for safe handling Avoid contact with molten material. Minimize dust generation and accumulation. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities Keep from contact with oxidizing materials. Keep container closed.	
Specific end use(s) Laboratory chemicals, Manufacture of substances	
Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values.	

Section 12: Ecological Information	
Toxicity No data available	
Persistence and degradability No data available	
Bioaccumulative potential No data available	
Mobility in soil No data available	
Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects No data available	
Section 13: Disposal Considerations	
Waste treatment methods Product Other surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	
Section 14: Transport Information	
DOT (US) Not dangerous goods	
IMDG Not dangerous goods	
IATA Not dangerous goods	
Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components No chemicals in this material contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards Fire Hazard	
Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components Cellulose acetate	
CAS-No. 9004-35-7	

Exposure controls
Appropriate engineering controls
Good general ventilation.
Personal protective equipment
Wear eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching the glove's outer surface) at the end of each use. Wash hands immediately after glove removal. Do not reuse gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from substantial levels of dusts are desired, use NIOSH (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: powder
b) Odor	Odorless
c) Odor threshold	No data available
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Boiling point at reduced pressure	No data available
g) Evaporation rate	No data available
h) Flammability (solid, gas)	No data available
i) Upper/lower flammability or explosive limits	No data available
j) Vapor pressure	No data available
k) Vapor density	No data available
l) Relative density	No data available
m) Partition coefficient n-octanol/water	No data available
n) Auto-ignition temperature	No data available
o) Flash-point temperature	No data available
p) Viscosity	No data available
q) Explosive properties	No data available
r) Oxidizing properties	No data available
s) Other safety information	No data available
Section 10: Stability and Reactivity	
Reactivity No data available	

New Jersey Right To Know Components	
Cellulose acetate	
CAS-No. 9004-35-7	
California Prop. 65 Components	
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	
Section 16: Other Information	
HMS Rating	NEPA Rating
Health: 1	Health: 1
Environment: 0	Environment: 0
Reactivity: 0	Reactivity: 0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	

Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Cellulose propionate	
Catalog Number(s):	321, 1077	Molecular Formula: Unsaturated
Company:	Scientific Polymer Products, Inc. 6065 Dean Parkway Ontario, NY 14515	
Telephone:	585/265-0413	
Fax:	585/265-0414	
Website:	www.sppoly.com	
Emergency Phone Number:	800-335-3934 (CHEM TEL)	
Section 2: Hazards Identification		
Classification of the substance or mixture Not a hazardous substance or mixture.		
GHS label elements, including precautionary statements Not a hazardous substance or mixture.		
Hazard not otherwise classified (HNOIC) or not covered by GHS – none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.		

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Cellulose propionate	9004-39-1	100

Section 4: First Aid Measures		
Description of first aid measures		
If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.		
In case of skin contact Wash off with soap and plenty of water.		
In case of eye contact Flush eyes with water as a precaution.		
If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.		

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Conditions to avoid No data available		
Incompatible materials Strong oxidizing agents, Strong acids, Strong bases		
Hazardous decomposition products Other decomposition products – no data available		
In the event of fire, see section 5		

Section 11: Toxicological Information		
Information on toxicological effects		
Acute toxicity No data available		
Irritation No data available		
Dermal No data available		
Ingestion No data available		
Skin corrosion/irritation No data available		
Serious eye damage/eye irritation No data available		
Respiratory or skin sensitization No data available		
Germ cell mutagenicity No data available		
Carcinogenicity No data available		
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by AIC.		
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.		
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.		
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.		
Reproductive toxicity No data available		
Specific target organ toxicity - single exposure No data available		
Specific target organ toxicity - repeated exposure No data available		
Application hazard No data available		
Additional Information RTCS: Not available		

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture Carbon oxides	
Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.	
Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions Do not let product enter drains.	
Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.	
Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Keep in a dry place.	
Specific end use(s) Laboratory chemicals. Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values.	
Exposure controls Appropriate engineering controls General industrial hygiene practice.	

Polymer Sample Kit, Catalog# 205

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information	
Toxicity No data available	
Persistence and degradability No data available	
Bioaccumulative potential No data available	
Mobility in soil No data available	
Results of PBT and POP assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Other surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods	
IMDG Not dangerous goods	
IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (on Minimis) reporting level established by SARA Title III, Section 313.	
SARA 311/312 Hazards No SARA Hazards	
Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components No components are subject to the Pennsylvania Right to Know Act.	
Cellulose propionate CAS No. 9004-39-1	

Personal protective equipment

Eye/Face protection
Wear eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type R95 particulate respirator that is approved under appropriate government standards such as NIOSH (US) or EN (EU). Do not let product enter drains.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type R95 particulate respirator that is approved under appropriate government standards such as NIOSH (US) or EN (EU). Do not let product enter drains.

Control of environmental exposure
Do not let product enter drains.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Pellets
b) Odor	No data available
c) pH	No data available
d) Initial boiling point and boiling range	No data available
e) Flash point	No data available
f) Auto-ignition temperature	No data available
g) Flammability (solid, gas)	No data available
h) Upper/lower flammability or explosive limits	No data available
i) Vapor pressure	No data available
j) Relative density	No data available
k) Water solubility	Insoluble
l) Partition coefficient n-octanol/water	No data available
m) Decomposition temperature	No data available
n) Explosive properties	No data available
o) Oxidizing properties	No data available
p) Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity No data available	
Chemical stability Stable under recommended storage conditions.	
Possibility of hazardous reactions No data available	

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New Jersey Right To Know Components	
Cellulose propionate	CAS No. 9004-39-1
California Prop. 65 Components This material does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information	
HMIS Rating	0
Health:	0
Flammability:	0
Reactivity:	0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The user must read and understand the label and all associated information. No warranty is made or no liability is assumed, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Cellulose triacetate	
Catalog Number(s):	1078	
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519	
Telephone:	585/265-0413	
Fax:	585/265-1380	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3974 (CHEM TEL)	
Section 2: Hazards Identification		
Classification of the substance or mixture		
Not a hazardous substance or mixture.		
GHS Label elements, including precautionary statements		
Not a hazardous substance or mixture.		
Hazard not otherwise classified (HNOIC) or not covered by GHS – none		
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.		
Section 3: Composition/Information on Ingredients		
Ingredient	COS Number	Concentration (%)
Cellulose triacetate	9017-09-3	100
Section 4: First Aid Measures		
Description of first aid measures		
If inhaled: If Breathed in, move person into fresh air. If not breathing, give artificial respiration.		
In case of skin contact: Wash with plenty of water.		
In case of eye contact: Wash eyes with water as a precaution.		
If swallowed: Never give anything by mouth to an unconscious person. DO NOT induce vomiting. Rinse mouth with water.		

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Section 5: Fire-Fighting Measures		
Extinguish with dry media. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazard arising from the substance or mixture: Carbon oxides. Advice for Fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary. Further information: No data available.		
Section 6: Accidental Release Measures		
Personal precautions, protective equipment and emergency procedures: Contain spill or leak immediately. Do not breathe vapors, mist or gas. For personal protection see section 8. No special environmental precautions required. Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal. Refer to other sections: For disposal see section 13.		
Section 7: Handling and Storage		
Precautions for safe handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2. Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well ventilated place. Specific end use(s): Laboratory chemicals. Manufacture of substances.		
Section 8: Exposure Controls/Personal Protection		
Control parameters: Components with workplace control exposure: Contains no substances with occupational exposure limit values. Exposure controls: Appropriate engineering controls General Industrial Hygiene practice.		
Section 12: Ecological Information		
Toxicity: No data available Persistence and degradability: No data available Bioaccumulative potential: No data available Mobility in soil: No data available Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects: No data available		
Section 13: Disposal Considerations		
Waste treatment methods: Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging: Dispose of as unused product.		
Section 14: Transport Information		
DOT (US): Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.		
Section 15: Regulatory Information		
SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (100 Mm) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards: No SARA Hazards Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components: CAS No. 9017-09-3 Cellulose triacetate		

Personal protective equipment
Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection
Wash hands before and after use. Use proper glove removal technique (without touching gloves) and place in a sealed container with this product. Do not reuse contaminated gloves for any other use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance and to specific workplace.
Respiratory protection
Respiratory protection not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties		
Information on basic physical and chemical properties		
a) Appearance	Form: Granular	
b) Odor	Odorless	
c) Color	No data available	
d) Melting point/freezing point	No data available	
e) Boiling point	No data available	
f) Flash point	No data available	
g) Evaporation rate	No data available	
h) Upper/lower flammability or explosive limits	No data available	
i) Vapor pressure	No data available	
j) Relative density	No data available	
k) Auto-ignition temperature	No data available	
l) Decomposition temperature	No data available	
m) Viscosity	No data available	
n) Explosive properties	No data available	
o) Oxidizing properties	No data available	
Other safety information		
No data available		
Section 10: Stability and Reactivity		
Reactivity: No data available Chemical stability: Stable under recommended storage conditions. Possibility of hazardous reactions: No data available		
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Section 16: Other Information		
NFPA Rating: Health: 0 Flammability: 0 Reactivity: 0 This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The manufacturer assumes no liability for any injury or damage resulting from use of this material without the manufacturer's warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.		
New Jersey Right To Know Components: Cellulose triacetate CAS-No. 9017-09-3 California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.		



Section 1: Identification

PRODUCT AND COMPANY INFORMATION			
Product Name:	Ethylene/acrylic acid copolymer	Molecular Formula:	(C ₄ H ₆ O) _n CH ₂
Catalog Number(s):	534,559,561,540		
Company:	Scientific Polymer Products, Inc. 1500 W. Beaver Creek Road Ontario, WI 53579		
Telephone:	581/265-9413		
Fax:	581/265-1380		
Website:	www.scipoly.com		
Emergency Phone Number:	800-255-2924 (CHEM TEL)		

Section 2: Hazards Identification

Classification of the substance or mixture	
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	Skin Irritation, Category 2, H315
GHS Label elements, including precautionary statements	
Pictogram	
Signal word	Warning
Hazard statement(s)	Causes skin irritation.
Precautionary statement(s)	Wash skin thoroughly after handling. Wear protective gloves/ eye protection/ face protection. P280 P302 + P352 P303 + P361 + P353 P304 + P340 P305 + P351 + P338 P308 + P313 P501 Store locked up. Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified (HNOCL) or not covered by GHS – none
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.

Section 3: Composition/Information on ingredients

Ingredient	CAS Number	Concentration (%)
Ethylene/acrylic acid copolymer	9010-77-9	100

Section 16: Stability and Reactivity	
Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Stability of hazardous reactions	No data available
Conditions to avoid	Heat, flames and sparks
Incompatible materials	Strong oxidizing agents, Acids and bases, Amines
Hazardous decomposition products	None documented. No data available
Other safety information	No data available

Section 11: Toxicological Information

Information on toxicological effects	
Acute toxicity	LD50 Oral-Rat > 2,350 mg/kg
Dermal	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Section 4: First Aid Measures

Description of first aid measures	
General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area
If inhaled	If breathed in, move person into fresh air environment. If not breathing, give artificial respiration. Consult a physician
In case of skin contact	Wash off with soap and plenty of water. Consult a physician
In case of eye contact	Push eyes with water as a precaution.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician
Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed	No data available

Section 5: Fire-Fighting Measures

Extinguishing media	
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	Carbon oxides
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	No data available

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	
Use personal protective equipment.	Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate
For personal protection see section 8.	
Do not let product enter drains	
Methods and materials for containment and cleaning up	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal
Reference to other sections	For disposal see section 13.

NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or potential carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	Initiation- May cause respiratory irritation
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional Information	ATECS: Not available
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated	

Section 12: Ecological Information

Toxicity	No data available
Persistence and degradability	Biodegradability Result: Not biodegradable
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	No data available

Section 13: Disposal Considerations

Waste treatment methods	
Product	Other surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material
Contaminated packaging	Dispose of in sealed container.

Section 14: Transport Information

DOT [US]	Not dangerous goods
IMDG	Not dangerous goods
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Section 7: Handling and Storage

Precautions for safe handling	Prevent dust formation. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation in places where dust is formed. For precautions see section 2
Conditions for safe storage, including any incompatibilities	Keep container tightly closed in a dry and well ventilated place.
Keep in a dry place.	

Section 8: Exposure Controls/Personal Protection

Control parameters	Components with workplace control parameters
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.	

Personal protective equipment	
Eye/face protection	Safety glasses with side shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves). Remove gloves immediately if they become torn or damaged. Wash hands after use in accordance with applicable law and good laboratory practices. Wash and dry hands.
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Body Protection	Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
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Respiratory protection	For nuisance exposure use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use appropriate government standards such as NIOSH (US) or EN 143 (EU).
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Control of undesired exposure	Do not let product enter drains
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Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties	
a) Appearance	Form: Beads
b) Odor	No data available
c) pH	No data available
d) Initial boiling point and boiling range	No data available
e) Flash point	No data available
f) Freezing point	No data available
g) Viscosity	No data available
h) Flammability (solid, gas)	No data available

IATA	Not dangerous goods
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Section 15: Regulatory Information

SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 311 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (Du) for reporting of dangerous goods established by SARA Title III, Section 311.
SARA 312 (P3) Hazards	Acute Health Hazard
Massachusetts Right to Know Components	No components are subject to the Massachusetts Right to Know Act
Pennsylvania Right To Know Components	CAS-No: 9010-77-9
Ethylene/acrylic acid copolymer	CAS-No: 9010-77-9
New Jersey Right to Know Components	CAS-No: 9010-77-9
Ethylene/acrylic acid copolymer	CAS-No: 9010-77-9
California Prop. 65 Components	California Prop. 65 components known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information

HMSE Rating	2	NEPA Rating	2
Health:	1	Health:	1
Flammability:	0	Flammability:	0
Reactivity:	0	Reactivity:	0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The user must read and understand the label and safety data sheet and must use the material in accordance with the warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification

PRODUCT AND COMPANY INFORMATION		
Product Name:	Ethylene/methacrylic acid copolymer Molecular Formula: (C ₄ H ₆ O ₂) _n	
Catalog Number(s):	538-539	
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519	
Telephone:	585/766-0413	
Fax:	585/766-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	

Section 2: Hazards Identification

Classification of the substance or mixture
Not a hazardous substance or mixture.
GHS Label elements, including precautionary statements
Not a hazardous substance or mixture.
Hazards not otherwise classified (HNOC) or not covered by GHS – none
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated.
Use appropriate procedures and precautions to prevent or minimize exposure.

Section 3: Composition/Information on Ingredients

Ingredient	CAS Number	Concentration (%)
Ethylene/methacrylic acid copolymer	25053-53-6	100

Section 4: First Aid Measures

Description of first aid measures
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
If on skin: Wash off with copious amounts of water.
If in eyes: Flush eyes with plenty of water.
If on or near clothing: Remove clothing as soon as possible.
If swallowed: Flush mouth with water. Do not induce vomiting.
Never give anything by mouth to an unconscious person. Rinse mouth with water.

Conditions to avoid
No data available
Incompatible materials
Strong oxidizing agents
Hazardous decomposition products
Other decomposition products - No data available
In the event of fire, see section 5

Section 11: Toxicological Information

Information on toxicological effects
Acute toxicity
No data available
Skin corrosion/irritation
No data available
Serious eye damage/eye irritation
No data available
Respiratory or skin sensitization
No data available
Germ cell mutagenicity
No data available
Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity
No data available
Specific target organ toxicity - single exposure
No data available
Specific target organ toxicity - repeated exposure
No data available
Aspiration hazard
No data available
Additional information
RTECS: Not available

Section 12: Ecological Information

Toxicity
No data available
Persistence and degradability
No data available

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures

Schedule and special fire-fighting needs
Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture
Carbon oxides
Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.
Further information
No data available

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapors, mist or gas.
For personal protection see section 8.
Environmental precautions
Do not let products enter drains
Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.
Reference to other sections
For disposal see section 13.

Section 7: Handling and Storage

Precautions for safe handling
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.2
Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well ventilated place.
Specific end use(s)
Laboratory chemicals. Manufacture of substances

Section 8: Exposure Controls/Personal Protection

Control parameters
Components with workplace control parameters
Contains no substances with occupational exposure limit values.
Exposure controls
Appropriate engineering controls
General industrial hygiene practice.

Bioaccumulative potential
No data available
Mobility in soil
No data available
Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects
No data available

Section 13: Disposal Considerations

Waste treatment methods
Product
Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging
Dispose of as unused product.

Section 14: Transport Information

DOT (US)
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

Section 15: Regulatory Information

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards
No SARA Hazards
Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right To Know Components
CAS-No. 25053-53-6
Ethylene/methacrylic acid copolymer
New Jersey Right To Know Components
CAS-No. 25053-53-6
Ethylene/methacrylic acid copolymer
California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 186(CU).

Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the risk of exposure. Clothing that must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEI (EU).

Control of environmental exposure
Do not let product enter drains

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties
a) Appearance
Form: Beads
Odor
None
b) pH
Threshold
c) Melting point/freezing point
No data available
d) Boiling point/bumping point
No data available
e) Flash point
No data available
f) Evaporation rate
No data available
g) Vapor pressure (at 20°C, kPa)
No data available
h) Upper/lower flammability or explosive limits
No data available
i) Relative density
No data available
j) Vapor density
No data available
k) Partition coefficient: n-octanol/water
No data available
l) Auto-ignition temperature
No data available
m) Flash point
No data available
n) Viscosity
No data available
o) Explosive properties
No data available
p) Other safety information
No data available

Section 10: Stability and Reactivity

Reactivity
No data available
Chemical stability
Stable under recommended storage conditions.
Possibility of hazardous reactions
No data available

Section 16: Other Information

HMS Rating
0
Reactivity
0
NFPA Rating
0
Flammability
0
Reactivity
0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Scientific Polymer Products, Inc.

Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Ethylene/Vinyl alcohol copolymer
Catalog Number(s):	957, 958, 959, 960
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519
Telephone:	585/265-0413
Fax:	585/265-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-255-3924 (CHEM TEL)

Section 2: Hazards Identification
Classification of the substance or mixture Not a hazardous substance or mixture.
GHS Label elements, including precautionary statements Not a hazardous substance or mixture.
Hazards not otherwise classified (HNOC) or not covered by GHS – none
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Ethylene/Vinyl alcohol copolymer	26221-27-2	100

Section 4: First Aid Measures

Section 4: First Aid Measures
Description of first aid measures If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact Wash off with soap and plenty of water. In case of eye contact Immediately flush eyes with water for up to 15 minutes. Remove contact lenses and open eyelids widely. If irritation persists seek medical attention.

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Conditions to avoid No data available	
Incompatible materials Strong oxidizing agents, Strong acids	
Hazardous decomposition products Other decomposition products – No data available In the event of fire, see Section 9.	
Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity LD50 oral (rat): 5,000 mg/kg LD50 dermal (rat): 4,000 mg/kg Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity No data available	
Specific target organ toxicity - single exposure No data available	
Specific target organ toxicity - repeated exposure No data available	
Aspiration hazard No data available	
Additional information No data available	

Section 12: Ecological Information
Toxicity No data available

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If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.
Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures
Stable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon oxides Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available
Section 6: Accidental Release Measures
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8. Environmental precautions Do not let product enter drains. Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 15.

Section 7: Handling and Storage
Precautions for safe handling Avoid dust formation. Ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Keep in a dry place. Specific end use(s) Laboratory chemicals, Manufacture of substances

Section 8: Exposure Controls/Personal Protection
Control parameters Components with workplace control parameters Consult the substance's occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practice.

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Persistence and degradability No data available	
Bioaccumulative potential No data available	
Mobility in soil No data available	
Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects No data available	

Section 14: Transport Information
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods
Section 15: Regulatory Information
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No SARA hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components Ethylene/vinyl alcohol copolymer CAS-No. 26221-27-2 New Jersey Right To Know Components Ethylene/vinyl alcohol copolymer CAS-No. 26221-27-2 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Personal protective equipment
Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves' outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the type of work to be performed. Clothing and equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks, like respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEI (EU).
Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Pellets
b) Odor	Odorless
c) pH	No data available
d) Melting point/freezing point	No data available
e) Flash point	No data available
f) Flash point (closed cup)	No data available
g) Flash point	No data available
h) Evaporation rate (air/sat. vap.)	No data available
i) Upper/lower flammability or explosive limits	No data available
j) Vapor density	No data available
k) Relative density	No data available
l) Partition coefficient n-octanol/water	No data available
m) Auto-ignition temperature	Insoluble
n) Decomposition temperature	No data available
o) Viscosity	No data available
p) Explosive properties	No data available
q) Oxidizing properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity
Reactivity No data available
Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions No data available

Polymer Sample Kit, Catalog# 205	Page 75
NHMS Rating No data available	NFPA Rating No data available
Flammability: 0	Flammability: 0
Reactivity: 0	Reactivity: 0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Hydroxyethyl cellulose	Molecular Formula: Unspecified
Catalog Number(s):	143, 366, 967, 968	
Company:	Scientific Polymer Products, Inc. 14300 Midway Road Ontario, NY 14519	
Telephone:	585/765-0913	
Fax Number:	585/765-1396	
Website:	www.scipoly.com	
Emergency Phone Number:	800-235-3924 (CHEM TEL)	
Section 2: Hazards Identification		

Section 3: Composition/Information on Ingredients			
Ingredient	CAS Number	Concentration (%)	
Hydroxyethyl cellulose	9004-62-0	100	
Section 4: First Aid Measures			
Description of first aid measures If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact Wash off with soap and plenty of water. In case of eye contact Flush eyes with water as a precaution. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.			

Conditions to avoid No data available
Incompatible materials Strong oxidizing agents
Hazardous decomposition products None known. No data available In the event of fire, see section 5

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity No data available	
Inhalation No data available	
Dermal No data available	
Eye irritation/corrosion No data available	
Endocrine system damage/eye irritation No data available	
Respiratory or skin sensitization No data available	
Germ cell mutagenicity No data available	
Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity No data available	
Specific target organ toxicity - single exposure No data available	
Specific target organ toxicity - repeated exposure No data available	
Aspiration hazard No data available	
Additional Information RTECS: Not available	
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.	

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, foam, carbon dioxide.	
Special hazards arising from the substance or mixture Carbon oxides.	
Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.	
Further Information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapours, mists or gas. For personal protection see section 8.	
Environmental precautions Do not let product enter drains	
Methods and materials for containment and cleaning up Keep in suitable, closed containers for disposal.	
Reference to other sections For disposal, see section 11.	

Section 7: Handling and Storage	
Precautions for safe handling Prohibit open flame. Ventilation at places where dust is formed. For precautions see section 2	
Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place.	
Hygroscopic. Keep in a dry place.	
Laboratory Chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values.	
Exposure controls Respirable dusts General industrial hygiene practice.	

Section 12: Ecological Information	
Toxicity No data available	
Persistence and degradability No data available	
Bioaccumulative potential No data available	
Mobility in soil No data available	
Results of PBT and POP assessments PBT/POP assessment not available. A chemical safety assessment not required/not conducted	
Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods	
IMDG Not dangerous goods	
IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components No chemicals in this material are subject to any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
CAS 311, 312 Hazards No SARA Hazards	
Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components CAS-No. 9004-62-0 Hydroxyethyl cellulose	

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 18362).

Skin protection

Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Protective clothing is related to its type, to the concentration and amount of dangerous substances, and to those body protection measures. The protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type FFP1 (EN 143) particulate respirator. Components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder or granular
b) Odour	No data available
c) pH	No data available
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Flash point	No data available
g) Auto-ignition temperature	No data available
h) Flammability (solid, gas)	No data available
i) Upper/lower flammability or explosion limits	No data available
j) Vapor pressure	No data available
k) Vapor density	No data available
l) Relative vapor density	No data available
m) Water solubility	Soluble
n) Partition coefficient: n-octanol/water	No data available
o) Decomposition temperature	No data available
p) Viscosity	No data available
q) Other properties	No data available
t) Outflowing properties	No data available
Other safety information	No data available

Section 10: Stability and Reactivity

Reactivity No data available
Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions No data available

New Jersey Right To Know Components

Hydroxyethyl cellulose

CAS-No.
9004-62-0

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information	
HMIS Rating	
Health: 0	NFPA Rating
Flammability: 0	Health: 0
Reactivity: 0	Flammability: 0
	Reactivity: 0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Hydroxypropyl cellulose	
Catalog Number(s):	401, 402, 403, 404	Unspecified
Company:	Scientific Polymer Products, Inc. 10000 Highway 7 Ontario, NY 14519	
Telephone:	585/265-0413	
Fax:	585/265-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	

Section 2: Hazards Identification		
Classification of the substance or mixture Not a hazardous substance or mixture. GHS Label elements, including precautionary statements Not a hazardous substance or mixture. Hazard not otherwise classified (HNOIC) is not covered by GHS – none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.		
Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Hydroxypropyl cellulose	9005-64-2	100
Section 4: First Aid Measures		
Description of first aid measures If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact: Wash with soap and water. In case of eye contact: Flush eyes with water as a precaution. If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11		

Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity Acute oral toxicity: LD50 (Rat): 10,200 mg/kg Skin corrosion/irritation No data available. Serious eye damage/eye irritation No data available. Respiratory or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen by ACGIH as a potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or suspected carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Reproductive toxicity No data available. Specific target organ toxicity - single exposure No data available. Specific target organ toxicity - repeated exposure No data available. Aspiration hazard No data available. Additional information At CAS: Not available. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	

Indication of any immediate medical attention and special treatment needed
No data available.

Section 5: Fire-fighting Measures	
Substance with extinguishing needs: Use water or foam for dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbonaceous residue. Advice for firefighters Wear self-contained breathing apparatus and protective clothing for firefighting if necessary. Further information No data available.	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapour, mist or gas. For personal protection see section 8. Environmental precautions Do not let products enter drains. Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2. Conditions for safe storage, including any incompatibilities Store in a cool, dry place, away from heat and sources of ignition. Keep away from food, drink, and animal feeding stuffs. Keep container tightly closed in a dry and well ventilated place. Specific end use(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice.	

Section 12: Ecological Information	
Toxicity No data available. Persistence and degradability No data available. Bioaccumulative potential No data available. Mobility in soil No data available. Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No SARA Hazards Massachusetts Right to Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right to Know Components CAS-No. 9004-64-2 Hydroxypropyl cellulose	

Personal protective equipment
Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves) immediately after each use. Wash hands after glove use.
Use of protective gloves is based on product concentration and type of activity being performed. Consult glove chart in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust mask. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drains

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	No data available
c) Odor Threshold	Slight
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Evaporation rate	No data available
g) Flammability (solid, gas)	No data available
h) Flash point	No data available
i) Explosive limits	No data available
j) Vapor pressure	No data available
k) Relative density	No data available
l) Water solubility	No data available
m) Auto-ignition temperature	Soluble
n) Decomposition temperature	No data available
o) Explosive properties	No data available
p) Oxidizing properties	No data available
q) Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Possibility of hazardous reactions No data available.	

New Jersey Right To Know Components	
Hydroxypropyl cellulose	CAS-No. 9004-64-2
California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information	
HMS Rating	NFPA Rating
Health: 0	Health: 0
Environment: 0	Environment: 0
Reactivity: 0	Reactivity: 0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Hydroxypropyl methyl cellulose	Molecular Formula: Unspecified
Catalog Number(s):	473	
Company:	Scientific Polymer Products, Inc. 6285 Dean Parkway Ontario, NY 14515	
Telephone:	585/765-0413	
Website:	www.scipoly.com	
Emergency Phone Number:	800-755-3974 (CHEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture.	
GHS label elements, including precautionary statements Not a hazardous substance or mixture.	
Hazard not otherwise classified (HNOCL) or not covered by GHS – none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Hydroxypropyl methyl cellulose	9004-65-3	100

Section 4: First Aid Measures	
Description of first aid measures If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact: Wash off with soap and plenty of water. In case of eye contact: Flush eyes with water as a precaution. If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity LD50 Oral – Mammal > 10,000 mg/kg Inhalation: No data available Dermal: No data available Skin corrosion/irritation LD50 Intraperitoneal – rat – 5,200 mg/kg No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon oxides	
Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8. Environmental precautions Do not let product enter drains. Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Keep in a dry place. Specific end uses(s) Laboratory chemicals. Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practice.	

Section 12: Ecological Information	
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	

Section 13: Disposal Considerations	
Waste treatment methods Product Other surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title II, Section 302. SARA 313 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313. SARA 314/312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS-No. 9004-65-3 Hydroxypropyl methyl cellulose	

Personal protective equipment
Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 186(CE).
Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the type of task. Clothing must not be contaminated. Clothing must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEH (EU).
Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties a) Appearance Form: Powder b) Odor Odorless c) pH No data available d) Melting point/freezing point No data available e) Boiling point No data available f) Flash point No data available g) Evaporation rate No data available h) Upper/lower flammability or exposure limits No data available i) Vapor density No data available j) Water solubility No data available k) Partition coefficient: n-octanol/water No data available l) Auto-ignition temperature No data available m) Decomposition temperature No data available n) Viscosity No data available o) Explosive properties No data available p) Other safety information No data available	

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Reactivity of hazardous reactions No data available	

Section 16: Other Information	
New Jersey Right To Know Components CAS-No. 9004-65-3 Hydroxypropyl methyl cellulose California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information	
HMIS Rating Health: 0 Hazard: 0 Reactivity: 0 NFPA Rating Health: 0 Hazard: 0 Reactivity: 0 This material is intended for laboratory use only. It is not sold or intended for direct household or other use. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	

Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Methyl cellulose
Catalog Number(s):	144
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519
Telephone:	585/265-0413
Fax:	585/265-1390
Website:	www.scppoly.com
Emergency Phone Number:	800-255-3934 (CHEM TEL)

Molecular Formula: Unspecified

Section 2: Hazards Identification	
Classification of the substance or mixture	
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	
Combustible dust	
GHS Label elements, including precautionary statements	
Pictogram	None
Hazard statements	May form combustible dust concentrations in air.
Precautionary statement(s)	None
Hazards not otherwise classified (HNOC) or not covered by GHS	
Combustible dust	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Methyl cellulose	9004-67-5	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled, move person into fresh air. If not breathing, give artificial respiration.	

Section 10: Stability and Reactivity	
Reactivity	
No data available	
Chemical stability	
Stable under recommended storage conditions.	
Possibility of hazardous reactions	
No data available	
Conditions to avoid	
No data available	
Incompatible materials	
Strong oxidizing agents	
Hazardous decomposition products	
Other decomposition products	
No data available	
In the event of fire, see Section 5	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation:	
No data available	
Dermal:	
No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
No data available	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	
No data available	
Specific target organ toxicity - single exposure	
No data available	

In case of skin contact
Wash off with soap and plenty of water.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are listed in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon monoxide	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions	
No special environmental precautions required.	
Methods and materials for containment and cleaning up	
Sweep up and shovel. Keep in suitable closed container for disposal.	
Reference to other sections	
For disposal see section 11.	

Section 7: Handling and Storage	
Precautions for safe handling	
Dusts of combustible materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.	
Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place. Keep in a dry place.	
Storage class (HCS 310): Non-Combustible Solids	
Specific and uses(s)	
Laboratory chemicals, Manufacture of substances	

Section 12: Ecological Information	
Toxicity	
Toxicity to fish	
LC50-Cyprins loaches > 1,000 mg/l -48 h	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and vPvB assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) concentration levels established by SARA Title III, section 313.	
SARA 311/312 Hazard	
No SARA Hazards	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
General industrial hygiene practice.	
Personal protective equipment	
Eye/face protection	
Use equipment for eye protection tested and approved under appropriate government standards, such as NIOSH (US) or EN 166(EU).	
Skin protection	
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique without touching the outside of gloves. Wash hands after glove use.	
Body protection	
Clothes body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.	
Respiratory protection	
Use of respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or EN (EU).	
Control of environmental precautions	
No special environmental precautions required.	

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	Odorless
c) Color	No data available
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Evaporation rate	No data available
g) Flammability (solid, gas)	No data available
h) Flammability (liquid, gas)	No data available
i) Explosive limits	No data available
j) Vapor pressure	No data available
k) Relative density	No data available
l) Water solubility	Soluble
m) Auto-ignition temperature	No data available
n) Decomposition temperature	No data available
o) Flash point	No data available
p) Explosive properties	No data available
q) Oxidizing properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right to Know Components	
Methyl cellulose	CAS-No. 9004-67-5
New Jersey Right to Know Components	
Methyl cellulose	CAS-No. 9004-67-5
California Prop. 65 Components	
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other information	
HMIS Rating	
Health Hazard	0
Flammability	0
Reactivity	0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Methyl vinyl ether/maleic acid copolymer
Catalog Number(s):	174, 374
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14515
Telephone:	582/765-0413
Website:	www.scipoly.com
Emergency Phone Number:	800-255-3924 (CHEMA TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture	
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	
Combustible dust	
GHS Label elements, including precautionary statements	
Pictogram	None
Signal word	Warning
Hazard statement(s)	May form combustible dust concentrations in air.
Precautionary Statement(s)	None
Hazard not otherwise classified (PNOC) or not covered by GHS	
Combustible dust	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated.	
Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients	
Ingredient	CAS Number
Methyl vinyl ether/maleic acid copolymer	25153-40-6
	Concentration (%)
	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled: If inhaled in, move person into fresh air. If not breathing, give artificial respiration.	

Section 10: Stability and Reactivity	
Reactivity	
Chemical stability	
Stable under recommended storage conditions.	
Reactivity of hazardous reactions	
No data available	
Conditions to avoid	
No data available	
Incompatible materials:	
Strong oxidizing agents, Strong bases	
Hazardous decomposition products:	
Other decomposition products: No data available	
In the event of fire: see section 5	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation:	
Dermal:	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
IARC:	
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH:	
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP:	
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA:	
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	
No data available	
Specific target organ toxicity - single exposure	
No data available	

In case of skin contact:
Wash off with soap and plenty of water.

In case of eye contact:
Rinse eyes with water as a precaution.

If swallowed:
Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed:
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed:
No data available.

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use of water spray, foam, carbon dioxide	
Special hazards arising from the substance or mixture	
None	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal protection: Operators should wear eye and emergency procedures	
Avoid all eye and skin contact and do not breathe vapors, mist or gas.	
For personal protection see section 8.	
Environmental precautions	
No special environmental precautions required.	
Methods and materials for containment and cleaning up	
Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling	
Further processing of solid materials may result in the formation of combustible dusts. The potential for providing appropriate exhaust ventilation.	
For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place.	
Keep in a dry place.	
Storage class (TRGS 510): Non Combustible Solids	
Specific end use(s)	
Laboratory chemicals, Manufacture of substances	

Section 12: Ecological Information	
Specific target organ toxicity - repeated exposure	
No data available	
Aspiration hazard	
No data available	
Additional information	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Other surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313 (Mimics) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	
No SARA Hazards	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
General industrial hygiene practice.	
Personal protective equipment	
Eye/face protection	
Use eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).	
Skin protection	
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practice. Wash and dry hands.	
Body Protection	
The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.	
Respiratory protection	
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or P2 (EU) respirators rated at least 95% filter efficiency. Components tested and approved under appropriate government standards such as NIOSH (US) or EN (EU).	
Control of environmental exposure	
Not data available	

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	No data available
c) Odor Threshold	No data available
d) pH/ing point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Flash point	No data available
g) Flash point (closed)	No data available
h) Flammability (solid, gas)	No data available
i) Upper/lower flammability or	No data available
j) Vapor pressure	No data available
k) Upper/lower flammability or	No data available
l) Vapor pressure	No data available
m) Relative density	Soluble
n) Water solubility	No data available
o) Auto-ignition temperature	No data available
p) Decomposition temperature	No data available
q) Explosive limits	No data available
r) Explosive properties	No data available
s) Oxidizing properties	No data available
Other safety information	
No data available	

Section 16: Other Information	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
Methyl vinyl ether/maleic acid copolymer	CAS-No. 25153-40-6
New Jersey Right To Know Components	
Methyl vinyl ether/maleic acid copolymer	CAS-No. 25153-40-6
California Prop. 65 Components	
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

HMS Rating	0	HPS Rating	0
Flammability:	0	Flammability:	0
Reactivity:	0	Reactivity:	0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.

Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Nylon 6 (Polycaprolactam)	
Catalog Number(s):	034	
Company:	Scientific Polymer Products, Inc. 6305 Dean Parkway Ontario, NY 14535	
Telephone:	585/765-0813	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (C-HEM TEL)	

Section 2: Hazards Identification		
Classification of the substance or mixture Not a hazardous substance or mixture.		
GHS label elements, including precautionary statements Not a hazardous substance or mixture.		
Hazard not otherwise classified (HNOC) or not covered by GHS – none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.		

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Nylon 6	22938-54-4	100

Section 4: First Aid Measures		
Description of first aid measures If inhaled If inhaled, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact Wash off with soap and plenty of water. In case of eye contact Flush eyes with water as a precaution. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.		

Section 11: Toxicological Information		
Conditions to avoid No data available Incompatible materials Strong oxidizing agents, Strong bases Hazardous decomposition products Chlorine, Chlorine dioxide In the event of fire, see section 5		
Information on toxicological effects Acute toxicity No data available 1050 Inhalation – mouse > 30 h – 11,000 mg/m3 Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity IARC: 3 – Group 3: Not classifiable as to its carcinogenicity to humans (Nylon 6) ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Reproductive toxicity No data available Specific target organ toxicity – single exposure No data available Specific target organ toxicity – repeated exposure No data available Aspiration hazard No data available Additional Information RTCS: T0980000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.		

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures		
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon oxides, nitrogen oxides (NOx) Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available		

Section 6: Accidental Release Measures		
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8. Environmental precautions Do not let product enter drains. Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.		

Section 7: Handling and Storage		
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 7. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Specific end use(s) Laboratory chemicals. Manufacture of substances		

Section 8: Exposure Controls/Personal Protection		
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practices.		

Section 12: Ecological Information		
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and/or POP assessment PBT/POP assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available		

Section 13: Disposal Considerations		
Waste treatment methods Product Offer for plus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.		

Section 14: Transport Information		
DOT (US) Not dangerous goods IMDG Not dangerous goods ATA Not dangerous goods		

Section 15: Regulatory Information		
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This product does not contain any chemical components with known CAS numbers that exceed the threshold (See Minimal) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS-No: 25038-54-4 Nylon 6		

Personal protective equipment
Eye/Face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 1861.

Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of the dangerous substances, and to the time of exposure. In the event of contact with this product, remove contaminated clothing and shoes immediately. Wash affected areas thoroughly with water and soap.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 respirator. For more information on respiratory protection, refer to the appropriate government standards such as NIOSH (US) or CEN (EU).

Control of contaminated equipment
Do not let product enter drains.

Section 9: Physical and Chemical Properties		
Information on basic physical and chemical properties		
a) Appearance	Form: Pellets	
b) Color	Odorless	
c) Odor Threshold	No data available	
d) pH	No data available	
e) Melting point/freezing point	Melting point range: 220°C (428°F)	
f) Initial boiling point and boiling range	No data available	
g) Flash point	No data available	
h) Auto-ignition temperature (ASTM D568)	No data available	
i) Flammability (solid, gas)	No data available	
j) Upper/lower flammability or explosion limits (solid, gas)	No data available	
k) Vapor pressure	No data available	
l) Vapor density	No data available	
m) Relative density (air = 1) @ 25 °C (77°F)	1.084 g/ml @ 25°C (77°F)	
n) Water solubility	Insoluble	
o) Partition coefficient n-octanol/water	No data available	
p) Decomposition temperature	No data available	
q) Auto-ignition temperature	No data available	
r) Viscosity	No data available	
s) Explosive properties	No data available	
t) Oxidizing properties	No data available	
Other safety information		
No data available		

Section 10: Stability and Reactivity		
Reactivity No data available Chemical stability Stable under recommended storage conditions. Possibility of hazardous reactions No data available		

Section 16: Other information		
HMIS Rating Health: 0 Flammability: 0 Reactivity: 0 This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.		

Section 17: Other information		
New Jersey Right To Know Components CAS-No: 25038-54-4 Nylon 6 California Prop. 65 Components This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.		



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Nylon 6/6 [Poly(hexamethylenediamide)]
Catalog Number(s):	033 Molecular Formula: (C ₁₂ H ₂₂ N ₂ O ₂),
Company:	Scientific Polymer Products, Inc. 10000 Highway 10 Ontario, NY 14519
Telephone:	585/265-0413
Fax:	585/265-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-255-5924 (CHEM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture.	
GHS Label elements, including precautionary statements Not a hazardous substance or mixture.	
Hazards not otherwise classified (HNOC) if not covered by GHS – none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Nylon 6/6 [Poly(hexamethylenediamide)]	32131-17-2	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Wash with soap and water.
In case of eye contact	Flush eyes with water as a precaution.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	No data available.
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
IAEC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional information	RTCL: Not available
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	

Section 12: Ecological Information	
Toxicity No data available	

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Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-fighting Measures	
Suitable extinguishing media Use water spray, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture Carbon arcs, Nitrogen oxides(NOx)	
Advice for firefighters Wear self-contained breathing apparatus and protective clothing for firefighting if necessary.	
Further information No further data available.	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Evacuate and isolate the spill area and avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions Do not let products enter drains.	
Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.	
References for other studies For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2	
Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Keep in a dry place.	
Specific end use(s) Laboratory chemicals, Synthesis of substances.	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values.	
Exposure controls Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice.	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313 (Due Minimal) (reporting levels established by SARA Title III, Section 313).	
SARA 311/312 Hazards No SARA 1602-05	
Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components CAS-No. 32131-17-2	
New Jersey Right To Know Components CAS-No. 32131-17-2	
Nylon 6/6 [Poly(hexamethylenediamide)] California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Personal protective equipment
Eye/face protection
Wear safety glasses with side shields or goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves) immediately after use. Dispose of gloves immediately after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drains

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Pellets
b) Odor	Odorless
c) Melting point/freezing point	No data available
d) Initial boiling point and boiling range	No data available
e) Evaporation rate	No data available
f) Flammability (solid, gas)	No data available
g) Explosive limits	No data available
h) Vapor pressure	No data available
i) Relative density	No data available
j) Water solubility	Insoluble
k) Auto-ignition temperature	No data available
l) Decomposition temperature	No data available
m) Explosive properties	No data available
n) Oxidizing properties	No data available
Other safety information No data available	

Section 10: Stability and Reactivity	
Reactivity No data available	
Chemical stability Stable under recommended storage conditions.	
Possibility of hazardous reactions No data available.	

Section 16: Other Information	
HMS Rating	NFPA Rating
Reactivity: 0	Reactivity: 0
Flammability: 0	Flammability: 0
Health: 0	Health: 0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Nylon 11 (Poly(undecanamide))	Molecular Formula: (C ₁₁ H ₂₁ NO ₂).
Catalog Number(s):	006	
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519	
Telephone:	585/265-0413	
Fax:	585/265-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-253-3924 (C-HEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture.	
GHS Label elements, including precautionary statements Not a hazardous substance or mixture.	
Supplemental Hazardous Statements: Processing may release vapors and/or fumes which cause eye, skin and respiratory tract irritation.	
Hazard not otherwise classified (HNOQ) or not covered by GHS – none	

Supplemental Information:
Potential Health Effects: This product is not anticipated to produce significant adverse human health effects. Contains high molecular weight polymers. Effects due to processing releases: Irritating to eyes, respiratory system and skin. Prolonged or repeated exposure may cause headache, drowsiness, nausea, weakness, (severity of effects depends on extent of exposure).
Other: 1. associated with good industrial hygiene and safety practice. (Details/parallel) This product may release fumes and/or vapor of waste composition depending on processing time and temperature.
2. the base of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Nylon 11	25387-80-8	100

- n) Evaporation rate No data available
- i) Flammability (solid, gas) No data available
- j) Upper flammable limit No data available
- k) Lower flammable limit No data available
- l) Vapor pressure No data available
- m) Relative density No data available
- n) Water solubility Insoluble
- o) Partition coefficient No data available
- p) Auto-ignition temperature No data available
- q) Decomposition temperature No data available
- r) Flash point No data available
- s) Explosive properties No data available
- t) Oxidizing properties No data available

Other safety information
No data available

Section 10: Stability and Reactivity

Reactivity
No data available
Chemical stability
Stable under recommended storage conditions.
Possibility of hazardous reactions
No data available
Conditions to avoid
No data available
Incompatible materials
Strong oxidizing agents, Strong acids
Hazardous decomposition products
Thermal decomposition giving toxic, flammable, and/or corrosive products:
Ammonia
Hydrogen cyanide (hydrocyanic acid)
Hydrogen cyanide compounds
Ammonia compounds

Section 11: Toxicological Information	
Acute Toxicity:	No deaths occurred (rat) LD0 >2,000 mg/kg
Oral:	No deaths occurred (rat) LD0 >2,000 mg/kg
Dermal:	No deaths occurred (rat) LD0 >2,000 mg/kg
Skin Irritation:	Not irritating (in vitro)
Eye Irritation:	Not corrosive (Bovine cornea)
Skin Sensitization:	Not a sensitizer. LLNA: local lymph node assay. (mouse) No effect is reported.
Repeated Dose Toxicity:	Sub-chronic dietary administration to rat, dog/No adverse systemic effects reported.
Genotoxicity:	No genetic changes were observed in laboratory tests using: bacteria
Assessment In Vitro:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Carcinogenicity	
IARC:	

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact In case of contact, immediately flush skin with plenty of water. If molten polymer gets on the skin, cool rapidly with water. Remove contaminated clothing and shoes. Wash thoroughly with soap and water. Remove contaminated shoes. Remove material from clothing. Wash thoroughly before reuse. Thoroughly clean shoes before reuse.	
In case of eye contact Immediately flush eyes with water.	
If swallowed DO NOT induce vomiting. Never give anything by mouth to an unconscious person.	
Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11	
Indications of any immediate medical attention and special treatment needed No data available	

Section 5: Fire-Fighting Measures	
Substance and packaging details See section 9, paragraph 1.	
Special hazards arising from the substance or mixture Carbon oxides, hazardous organic compounds, hydrogen cyanide (hydrocyanic acid)	
Advice to firefighters Wear self-contained breathing apparatus for firefighting if necessary.	
Further information No data available	

Section 6: Accidental Release Measures	
Personal protection, protective equipment and emergency procedures Prevent further leakage or spillage if you can do so without risk. For personal protection see section 8.	
Environmental precautions No special environmental precautions required.	
Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.	
References to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Avoid breathing dust. Avoid breathing processing fumes or vapors. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Keep in a dry place.	

- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or suspected carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- Reproductive toxicity**
No data available
- Specific target organ toxicity - single exposure**
No data available
- Specific target organ toxicity - repeated exposure**
No data available
- Aspiration hazard
No data available
- Additional information
No data available

Section 12: Ecological Information	
Toxicity No data available	
Persistence and degradability No data available	
Bioaccumulation potential No data available	
Mobility in soil No data available	
Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods	
IMDG Not dangerous goods	

Section 8: Exposure Controls/Personal Protection	
Airborne Exposure Guidelines: US ACGIH Threshold Limit Values	
Form: Respirable Particles (Time Weighted Average): Form: Total Dust (Time Weighted Average): Form: Total Dust (PEL):	10 mg/m3 3 mg/m3 15 mg/m3 15 mg/m3

US OSHA Table 2-1 Limits for Air Contaminants (29 CFR 1910.1000)	
Form: Respirable Particles (Time Weighted Average): Form: Total Dust (Time Weighted Average): Form: Total Dust (PEL):	15 millions of particles per cubic foot of air 50 millions of particles per cubic foot of air 15 mg/m3 15 mg/m3

Only those components with exposure limits are listed in this section. Limits with skin contact designation above have skin contact effect. Air sampling alone is insufficient to accurately quantitate exposure. Measures to prevent significant cutaneous absorption may be required. Limits with a semitransparent above mean the exposure to this material may cause allergic reactions.

Appropriate engineering controls General industrial hygiene practices	
Personal protective equipment	
Eye/face protection Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 180 (EU).	

Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique without touching glove's outer surface to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the duration of the exposure. Clothing must protect the body against the effects of the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust mask. Use respirator and components tested and approved under appropriate government standards such as NIOSH (US) or EN 121 (EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Beads
b) Odor	Odorless
c) pH	No data available
d) Melting point/freezing point	No data available
e) Flash point	No data available

IATA
Not dangerous goods

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components This material contains any chemical components with known CAS numbers that exceed the threshold (On Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards No SARA Hazards	

Massachusetts Right To Know Component
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components
CAS-No.
25387-80-8

New Jersey Right To Know Components
CAS-No.
25387-80-8

Nylon 11
California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information	
HMPS Rating	0
Health	0
Flammability	0
Reactivity	0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information provided is for informational purposes only. It is not a guarantee of performance. We make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.

Section 1: Identification		
Product Name:	Primory resin	Molecular Formula: $(C_{10}H_{10}O_2CH_2O)_n$
Catalog Number(s):	0454, 0458, 045C	
Company:	Scientific Polymer Products, Inc. 10000 Highway 101 Ontario, NJ 08515	
Telephone:	908/765-0413	
Fax:	908/765-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	
Section 2: Hazards Identification		
Classification of the substance or mixture	GHS Classification: in accordance with 26 CFR 330 (OSHA HCS) Signal Word: DANGER Hazard Statements: H311, H314, H335 Pictogram 	
Signal word	Warning	
Hazard statements(s)	H311 Causes skin irritation. H314 Causes severe skin burns and eye irritation. H335 May cause respiratory irritation.	
Precautionary statements(s)	P261 Avoid breathing dust/fume/gas/mist/vapor/spray. P273 Do not release into the environment. P280 Wear protective gloves/eye protection/face protection. P301+P311 If swallowed: Immediately call a POISON CENTER or doctor/physician if you feel unwell. P302+P352 If on skin: Wash thoroughly with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P303+P361+P353 If on clothing: Remove contaminated clothing and wash before reuse. P304+P340 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P308+P313 Call a POISON CENTER or doctor/physician if you feel unwell. P312 If eye irritation persists: Get medical advice/attention. P314 Take off contaminated clothing and wash before reuse. P330+P333+P313 If swallowed: Rinse mouth. Get medical advice/attention. If container is tightly closed. Store locked up. P403 Store in a cool, dry place.	

Section 10: Stability and Reactivity	
d) Other Threshold	No data available
e) pH	No data available
f) Boiling point/freezing point	No data available
g) Ignition point and flammability range	No data available
h) Flash point	No data available
i) Evaporation rate (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor density	No data available
l) Relative density	No data available
m) Partition coefficient: n-octanol/water	No data available
n) Auto-ignition temperature	No data available
o) Decomposition temperature	No data available
p) Viscosity	No data available
q) Explosive properties	No data available
r) Oxidizing properties	No data available
Other safety information	No data available
Section 11: Toxicological Information	
Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Other decomposition products - No data available
In the event of fire, see Section 2	

Information on toxicological effects	
Acute toxicity	
Oral: No data available	
Dermal: No data available	
Skin corrosion/Irritation	
No data available.	
Serious eye damage/eye irritation	
No data available	
Serious respiratory sensitization	
No data available	

Section 5: Compulsory information on tag contents	
Ingredient Phenox resin	CAS Number 25069-38-6
	Concentration (%) 100

Section 4: First Aid Measures	
Description of first aid measures	
General advice Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area	
If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if breathing becomes difficult.	
In case of skin contact Wash with soap and plenty of water. If irritation persists, consult a physician.	
In case of eye contact Wash thoroughly with plenty of water for at least 15 minutes. Separate eyelids with fingers. If irritation persists, consult a physician.	
If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Monitor important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11 Indication of any immediate medical attention and special treatment needed No data available	

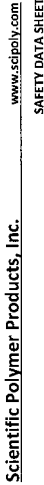
Section 5: Fire-fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture Keep product and empty container away from heat and sources of ignition.	
Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.	
Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Ensure adequate ventilation for personal protection (see section 8).	

Section 12: Ecological Information	
Germ cell mutagenicity	No data available
Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by AICL.
ACOH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACOH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity- single exposure (GHS)	Inhalation-May cause respiratory irritation.
Specific target organ toxicity- repeated exposure (GHS)	No data available
Aspiration hazard	No data available
Additional information	No data available
Section 13: Disposal Considerations	
Waste treatment methods	Product is stable and non-combustible solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Product	Continued packaging
Disposal of contents	Dispose of as unused product.

Section 7: Handling and Storage	Precautions for safe handling Ensure adequate ventilation. For precautions see section 2 Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Keep in a dry place. Specific end use(s) Laboratory chemicals. Synthesis of substances
Section 8: Exposure Controls/Personal Protection	Section 8: Exposure Controls/Personal Protection Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Respiratory protection equipment Hand use in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday Personal protective equipment Eye/face protection Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(UE). Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching the gloves). Remove gloves immediately after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Body protection Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection For low concentrations (below 0.05 mg/m³) use P300 (EU) or P301 (EU) particulate respirator. For higher levels, depending on the OVAES (P95 or ABEK-P3 (EU) or A3) respirator certified. Use respirator and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU) Control of environmental exposure Do not let product enter drains
Section 9: Physical and Chemical Properties	Section 9: Physical and Chemical Properties Information on basic physical and chemical properties a) Appearance b) Odor Form: Pellets Slight

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	
Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (10e Minimis) reporting level established by SARA Title III, Section 313. SARA 311/312 Hazards Acute Health Hazard Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components Phenacyl resin CAS No. 25068-38-6 New Jersey Right To Know Components Phenacyl resin CAS No. 25068-38-6 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	
Section 16: Other Information	
HMIS Rating	2
Health: Irritation	2
Reactivity:	0
Reactivity:	0
This material is intended for laboratory use only. It is not sold or intended for fire, household or other use. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



www.scipoly.com

SAFETY DATA SHEET

Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Polycrystal
Catalog Number(s):	009
Company:	Scientific Polymer Products, Inc. 6845 Deane Highway Croydon, NY 14515
Telephone:	585/766-5131
Website:	www.scribny.com
Emergency Phone Number:	800-255-3924 (CHEM TEL)
Section 2: Hazards Identification	
Molecular Formula:	-CH ₂ O-

Section 2: Hazards Identification	
Classification of the substance or mixture	Not a hazardous substance or mixture.
GHS label elements, including precautionary statements	Not a hazardous substance or mixture.
Hazards not otherwise classified (NNOCs) or not covered by GHS – none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate precautions and precautions to prevent or minimize exposure.	
Section 3: Composition/Information on ingredients	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Povidone	9002-81-7	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. In case of skin contact Wash off with soap and plenty of water. Consult a physician. In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if effects occur. If swallowed	

Polymer Sample K1, Catalog# 205	Page 151
Other safety information No data available	Section 10: Stability and Reactivity

Section 10: Stability and Reactivity	
Reactivity	
Not reactive under recommended conditions of handling, storage, processing and use.	
Chemical stability	
Stable under recommended storage conditions.	
Possibility of hazardous reactions	
No data available.	
Conditions to avoid	
Exposure to temperatures above 425 °C. Exposure to elevated temperatures can cause product to decompose.	
Unstable materials	
None known.	
Hazardous decomposition products	
Major decomposition gases are oxidized hydrocarbons (probably carbon monoxide) and steam. Minor components in decomposition gas may be aldehyde, phenolic compounds, etc. in the event of fire, see Section 9.	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation: No data available	
Dermal: No data available	
Ingestion: No data available	
No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	

Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. Consult a physician.

Most important symptoms and effects, both acute and delayed
 The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed
 No data available

	Section 5: Fire-Fighting Measures		Section 6: Accidental Release Measures
Suitable extinguishing media Water spray and foam. Water is the best extinguishing medium. Carbon dioxide and dry chemical are not generally recommended because their lack of cooling capacity may permit re-ignition.			
Special hazards arising from the substance or mixture None known. Specific hazards arising from combustion: Carbon monoxide, carbon dioxide, carbon disulfide, hydrogen cyanide, hydrogen fluoride, carbonyl fluoride and fluorocarbon fragments.			
Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Avoided pressure during breaching operation and protective clothing must be used for all fires. Water spray is the preferred extinguishing medium. This product will melt but will not be carried on the surface for water.			
Further information No GHS available			

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Section 8, Personal protective equipment. For additional information, refer to Section 8, Personal protective equipment.

Section 8, Exposure Controls and Personal Protection.

Environmental precautions
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

Methods and materials for containment and cleaning up
Contain spilled material if possible. Sweep up. Collect if suitable and properly labeled containers.

Reference to other sections

[illegible]

Section 8: Exposure Controls/Personal Protection	Polymer Sample Kit, Catalog# 205 No data available Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available Aspiration based No data available Additional information RTCCS: Not available	Section 12: Ecological Information
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Section 12: Ecological Information
Toxicity
No data available
Persistence and degradability
No data available
Bioaccumulative potential
No data available
Mobility in soil
No data available
Results of RPT and QOP assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects
No data available

Section 13: Disposal Considerations Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Containerised packaging Dispose of as unused product.	Section 14: Transport information DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods
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LATA Not dangerous goods	Section 15: Regulatory Information SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
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Control parameters

Components with workplace control parameters

Components with workplace control parameters
Contains no substances with occupational exposure limit values.

Exposure controls

Appropriate engineering controls
General industrial hygiene practice

A continuous supply of fresh air to the workplace together with removal of processing fumes through exhaust systems is recommended. Processing fume condensate may be a fire hazard and toxic; remove periodically from

dusts refer to Section 7.

Personal protective equipment

Eye/face protection
Safety glasses with side shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
For nuisance exposures use type P95 (US) or type P1 (EN 143) particulate respirator. For higher level protection use type OV/AG/P99 (US) or type ABK-P2 (EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drains.

Section 5: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Pellets
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Flash point, rate	No data available
i) Flammability (solid, gas)	No data available
j) Flammability, reactivity or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	Insoluble
n) Water solubility	No data available
o) Partition coefficient n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Explosive properties	No data available
s) Oxidizing properties	No data available

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
No SARA Hazards

Massachusetts Right To Know Components
No components are subject to the Massachusetts

Pennsylvania Right To Know Components

New Jersey Right To Know Components

California Prop. 65 Components

Section 16: Other Information			
HMPS Rating:		HMPS Rating:	
Health:	0	Health:	0
Flammability:	0	Flammability:	0
Reactivity:	0	Reactivity:	0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.

Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Polysy/ontrolle	Molecular Formula: (C ₁₄ H ₁₆ N)
Catalog Number(s):	134, 134C	
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14539	
Telephone:	585/765-0413	
Fax:	585/765-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (C-HEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture	
GHS Classification in accordance with 28 CFR 1910 (OSHA HCS)	
Combustible dust	
GHS Label elements, including precautionary statements	
Pictogram	None
Signal word	Warning
Hazard statement(s)	May form combustible dust concentrations in air
Precautionary statement(s)	None
Hazards not otherwise classified (HNOC) or not covered by GHS	
Combustible dust	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients			
Ingredient	CAS Number	Concentration (%)	
Polysy/ontrolle	25014-41-9	100	

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled	
If breathed in, move person into fresh air. If not breathing, give artificial respiration.	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
MAC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	
No data available	
Specific target organ toxicity - single exposure	
No data available	
Specific target organ toxicity - repeated exposure	
No data available	
Aspiration hazard	
No data available	

In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Rinse eyes with water as a precaution.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Most important symptoms and effects, both acute and delayed	
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11	
Indication of any immediate medical attention and special treatment needed	
No data available	

Section 5: Fire-fighting Measures	
Suitable extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon oxides, nitrogen oxides (NOx)	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions	
No special environmental precautions required.	
Methods and material for containment and cleaning up	
Sweep up and place in approved container, sealed containers for disposal.	
Reference to other documents	
For disposal see section 11.	

Section 7: Handling and Storage	
Precautions for handling	
Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.	
Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place.	
Specific end use(s)	
Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
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Section 12: Ecological Information	
Additional information	
PBT/CAT: Not available	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and POP assessment	
PBT/POP assessment not available in chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment method	
Product	
Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.	
Minimal reporting levels established by SARA Title III, Section 313:	
SARA 311 (P12) Hazards	
No SARA Hazards	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
CAS-No: 25014-41-9	
Polysy/ontrolle	
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Exposure controls	
Appropriate engineering controls	
General industrial hygiene practices.	
Personal protective equipment	
Eye/face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching the glove with gloved hands). Wash hands and face after glove use. Use appropriate decontamination procedures in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body Protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	Respiratory protection not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 43) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure	No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	Odorless
c) Melting point/freezing point	No data available
d) Boiling point	No data available
e) Flash point	No data available
f) Evaporation rate	No data available
g) Vapor pressure	No data available
h) Upper/lower flammability or explosive limits	No data available
i) Vapor density	No data available
j) Relative density	No data available
k) Partition coefficient: n-octanol/water	No data available
l) Auto-ignition temperature	No data available
m) Decomposition temperature	No data available
n) Viscosity	No data available
o) Explosive properties	No data available
p) Oxidizing properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity	
Reactivity	
No data available	
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New Jersey Right To Know Components	CAS-No: 25014-41-9
Polysy/ontrolle	
California Prop. 65 Components	
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	
Section 16: Other information	
HMS Rating	0
Health hazard	0
Reactivity	0
NEPA Rating	
Health hazard	0
Reactivity	0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Polyamide resin
Catalog Number(s):	395, 396
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519
Telephone:	585/265-0413
Fax:	585/265-1390
Website:	www.sppoly.com
Emergency Phone Number: 800-252-3924 (CHEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture. GHS Label elements, including precautionary statements Not a hazardous substance or mixture. Hazard pictograms Not otherwise classified (NOC) or not covered by GHS – none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Ingredient	CAS Number	Concentration (%)
Polyamide resin	68855-48-6	100

Section 4: First Aid Measures	
Description of first aid measures If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact: Wash off with soap and plenty of water. In case of eye contact: Flush eyes with plenty of water. If swallowed: Never give anything by mouth to an unconscious person. Bring mouth with water.	

Conditions to avoid
Excessive heat
Incompatible materials
Acids, bases, Oxidizing agents
Hazardous decomposition products
Carbon dioxide, carbon monoxide and irritating and/or toxic gases and particulate may be generated by thermal degradation.
In the event of fire, see section 5

Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity No data available Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiration or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity NAC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity No data available Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available Aspiration hazard No data available Additional Information RTECS: Not available	

Most important symptoms and effects, both acute and delayed
The following information on symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Indications of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-fighting Measures	
Substance extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture No data available Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures For personal protection see section 8. Environmental precautions Do not let product enter drains. Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 7. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well-ventilated place. Specific end uses(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practice.	

Section 12: Ecological Information	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS No. 68855-48-6 Polyamide resin	

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 186 (EU).

Skin protection
Wear gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the expected duration of the task. Protective clothing must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drain.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Pellets
b) Odor	Mild
c) Color	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Boiling point	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Vapor pressure (at 20 °C)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Relative density	No data available
l) Vapor density	No data available
m) Partition coefficient: n-octanol/water	No data available
n) Auto-ignition temperature	No data available
o) Decomposition temperature	No data available
p) Viscosity	No data available
q) Explosive properties	No data available
r) Oxidizing properties	No data available
Other safety information No data available	

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Possibility of hazardous reactions No data available	

New Jersey Right To Know Components	
Polyamide resin	CAS-No. 68855-48-6
California Prop. 65 Components This material does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information	
HMIS Rating	0
Health: Flammability: Reactivity:	0 0 0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other use. The user must read and understand the label and all associated safety information. The user must use it with care, and express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Poly(1-butene), isotactic	Molecular Formula: (C ₄ H ₈)
Catalog Number(s):	128	
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519	
Telephone:	585/265-0413	
Fax:	585/265-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-253-3924 (CHEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture. GHS Label elements, including precautionary statements Not a hazardous substance or mixture. Hazard(s) not otherwise classified (HNOC) or not covered by GHS – none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Poly(1-butene), isotactic	25036-29-7	100

Section 4: First Aid Measures	
Description of first aid measures If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact: Wash off with soap and plenty of water. In case of eye contact: Flush eyes with water as a precaution. If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity No data available Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	

Conditions to avoid No data available Incompatible materials Strong oxidizing agents Hazardous decomposition products Other decomposition products - No data available In the event of fire, see Section 9.	Reproductive toxicity No data available Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available Aspiration hazard No data available Additional information No data available
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Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Indications of any immediate medical attention and special treatment needed
No data available.

Section 5: Fire-fighting Measures	
Suitable extinguishing media: Solid: water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon oxides Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available.	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures: Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8. Environmental precautions No special environmental precautions required. Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Prior to processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation in places where dust is formed. For precautions see section 2. Conditions for safe storage, including any incompatibilities Store in a cool, dry place. Storage class (TRGS 510): Non Combustible Solids Specific and usage Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practice.	

Section 12: Ecological Information	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment method Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 317/312 Hazards No data available Massachusetts Right To Know Component No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components Poly(1-butene), isotactic CAS-No. 25036-29-7	

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique without touching glove's outer surface to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the expected duration of the exposure. Protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Beads
b) Color	Slight
c) Odor	Not available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Boiling point	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Upper/lower flammability or explosive limits	No data available
k) Vapor density	No data available
m) Relative density	No data available
n) Partition coefficient: n-octanol/water	No data available
o) Auto-ignition temperature	No data available
p) Decomposition temperature	No data available
q) Viscosity	No data available
r) Explosive properties	No data available
s) Oxidizing properties	No data available
Other safety information No data available	

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Possibility of hazardous reactions No data available	

Section 16: Other Information	
New Jersey Right To Know Components Poly(1-butene), isotactic CAS-No. 25036-29-7 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

HMIS Rating Health: 0 Flammability: 0 Reactivity: 0 NFPA Rating Health: 0 Flammability: 0 Reactivity: 0	
This material is intended for laboratory use only. It is not sold or intended for drug, household, or other use. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	

Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Poly(butylene terephthalate)
Catalog Number(s):	951, 952
Company:	Scientific Polymer Products, Inc. 6285 Dean Parkway Ontario, NY 14519
Telephone:	585/265-0413
Fax:	585/265-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-252-3924 (CHEM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture.	
GHS Label elements, including precautionary statements Not a hazardous substance or mixture.	
Hazard not otherwise classified (HNOC or not covered by GHS – none)	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Poly(butylene terephthalate)	30965-26-5	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled:	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
If on eye or skin contact:	Wash off with soap and plenty of water.
If on eye or skin contact:	Rinse eyes with water as a precaution.
If swallowed:	

Section 11: Toxicological Information	
Conditions to avoid	
Incompatible materials	No data available
Strong oxidizing agents, Strong bases	
Hazardous decomposition products	No data available
Other decomposition products - No data available	
In the event of fire (see Section 9)	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	No data available
Inhalation:	No data available
Dermal:	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
ACSH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen, possible or confirmed human carcinogen by ACSH.
ACSH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACSH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional information	ATECS: Not available

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

The indication of any immediate medical attention and special treatment needed

No data available

Section 5: Fire-Fighting Measures	
Substance extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon tetrachloride	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions	
No special environmental precautions required.	
Methods and materials for containment and cleaning up	
Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling	
Further processing of solid materials may result in the formation of combustible dusts. The potential for dust formation exists during all operations where dusts may be formed. Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Conditions for safe storage, including any incompatibilities	
Store in a closed container in a dry and cool area. Keep away from heat and sources of ignition. Keep away from food, drink, and animal feeding stuffs. Keep container tightly closed in a dry and well-ventilated place.	
Specific and uses(s)	
Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with known or suspected carcinogenicity	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
General industrial hygiene practice.	

Section 12: Ecological Information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and vPvB assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Other surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 317/312 Hazards	
No SARA Hazards	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
Poly(butylene terephthalate)	CAS No. 30965-26-5

Personal protective equipment

Eye/face protection

Wear eye protection based on the protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable law and good laboratory practices. Wash and dry hands.

Body protection

Protective clothing is in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or P2 (EU) respirator filtering at least 95% of dusts. Respiratory protection has not been tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: pellets
b) Odor	No data available
c) pH	No data available
d) Initial boiling point and boiling range	No data available
e) Flash point	No data available
f) Auto-ignition temperature	No data available
g) Flammability (solid, gas)	No data available
h) Upper/lower flammability or explosion limits	No data available
i) Vapor pressure	Negligible
j) Vapor density	No data available
k) Water solubility	No data available
l) Partition coefficient: n-octanol/water	Insoluble
m) Decomposition temperature	No data available
n) Viscosity	No data available
o) Other properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity	
Reactivity	
No data available	
Chemical stability	
Stable under recommended storage conditions.	
Reactivity of hazardous reactions	
No data available	

New Jersey Right To Know Components	
Poly(butylene terephthalate)	CAS No. 30965-26-5
California Prop. 65 Components	
Contains no chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other information	
HMS Rating	NFPA Rating
Health: 0	Health: 0
Environment: 0	Environment: 0
Reactivity: 0	Reactivity: 0

This material is intended for laboratory use only. It is not sold or intended for other household or other uses. The user must read the material safety data sheet and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Poly(n-butyl methacrylate)	Molecular Formula: (C ₈ H ₁₀ O) _n
Catalog Number:	111.111C	
Company:	Scientific Polymer Products, Inc. 6265 Isport Parkway Ontario, NY 13515	
Telephone:	582.765-9413	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (C-HEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture.	
GHS Label elements, including precautionary statements No GHS labels or substance or mixture.	
Hazard not otherwise classified (HNOC) or not covered by GHS – none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient Poly(n-butyl methacrylate)	CAS Number 5003-63-8	Concentration (%) 100

Section 4: First Aid Measures	
Description of first aid measures General advice Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician In case of skin contact Wash off with soap and plenty of water. Consult a physician. In case of eye contact Flush eyes with water as a precaution.	

Section 10: Stability and Reactivity	
Other safety information No data available	

Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity No data available Irritation: Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Genetic mutagenicity No data available Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Reproductive toxicity No data available	

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon oxides Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information Use water spray to cool unopened containers.	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8. Environmental precautions Do not let product enter drains. Methods and materials for containment and cleaning up Collect and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.	

Section 7: Handling and Storage	
Precautions for safe handling Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into account. Avoid dust formation. Avoid breathing dust. For personal protection see section 8. For precautions see section 2. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Keep in a dry place. Storage class (H265 S10): Harmable liquids Specific end use(s) Laboratory chemicals, Manufacture of substances	

Section 12: Ecological Information	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and POPs assessment PBT/vPOB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday Personal protective equipment Eye/face protection Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching exterior of gloves or gloves to body). Remove gloves immediately if they become torn or damaged. Wash hands after use in accordance with applicable law and good laboratory practices. Wash and dry hands.	

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties a) Appearance Typical "methacrylate" b) Color No data available c) Melting point/freezing point No data available d) Boiling point and boiling range No data available e) Evaporation rate No data available f) Upper/lower flammability or explosive limits No data available g) Vapor density No data available h) Relative density No data available i) Partition coefficient: n-octanol/water No data available j) Auto-ignition temperature No data available k) Decomposition temperature No data available l) Explosive properties No data available m) Oxidizing properties No data available	

Section 16: Other Information	
HMIS Rating Health: 1 Physical: 0 Reactivity: 0 NTPA Rating Health: 1 Physical: 0 Reactivity: 0 The material is intended for laboratory use only. It is not safe for household or other uses. The information presented is the most accurate and complete data currently available to us. However, no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Polycarbonate	Molecular Formula: (C ₃ H ₄ O ₃).
Catalog Number(s):	047C, 103S, 103D, 103L, 103A	
Company:	Scientific Polymer Products, Inc. One Liberty Way Chino, NY 14519	
Telephone:	585/265-0413	
Fax:	585/265-1390	
Website:	www.scpoly.com	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture.	
GHS label elements, including precautionary statements Not a hazardous substance or mixture.	
Hazard: not otherwise classified (NOC) or not covered by GHS – none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Polycarbonate	24980-41-4	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact Wash off with soap and plenty of water.	
In case of eye contact Rinse eyes with water as a precaution.	

Polymer Sample Kit, Catalog# 205	
Page 1205	
Chemical stability Stable under recommended storage conditions.	
Possibility of hazardous reactions No data available	
Conditions to avoid No data available	
Incompatible materials Strong oxidizing agents	
Hazardous decomposition products Other decomposition products - No data available In the event of fire, see section 5	
Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity No data available	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation No data available	
Serious eye damage/eye irritation No data available	
Respiratory or skin sensitization No data available	
Germ cell mutagenicity No data available	
Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity No data available	
Specific target organ toxicity - single exposure No data available	
Specific target organ toxicity - repeated exposure No data available	
Aspiration hazard No data available	

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture Carbon oxides	
Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.	
Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Evacuate and restrict access to contaminated areas. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions Do not let product enter drains.	
Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide adequate dust extraction at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.2.	
Conditions for safe storage, including any incompatibilities Store in a closed container in a dry and cool area. Keep away from heat and sources of ignition. Keep away from food, drink, and animal feeding stuffs. Keep container tightly closed in a dry and well ventilated place.	
Specific end uses Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values.	

Additional Information
RTECS: not available
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information	
Toxicity No data available	
Persistence and degradability No data available	
Bioaccumulative potential No data available	
Mobility in soil No data available	
Results of PBT and POP assessment PBT/vPOP assessment not available at chemical safety assessment not required/not conducted	
Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods	
IMDG Not dangerous goods	
IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, section 313.	
SARA 311/312 Hazards No SARA Hazards	
Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.	

Exposure controls
Appropriate engineering controls
General industrial hygiene practice.
Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves) before disposal. Do not reuse gloves. Wash hands after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-phase. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
(US) or type P1 (EN 143) dust mask. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or EN (EU).

Control of environmental exposure
No special environmental precautions required

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Pellets or flakes
b) Odor	Odorless
c) Color	No data available
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	Melting point/range: 60°C (140°F)
f) Boiling point	No data available
g) Evaporation rate	No data available
h) Flammability (solid, gas)	No data available
i) Flammability (liquid, gas)	No data available
j) Explosive limits	No data available
k) Vapor pressure	No data available
l) Relative density	No data available
m) Water solubility	Insoluble
n) Auto-ignition temperature	No data available
o) Decomposition temperature	No data available
p) Explosive properties	No data available
q) Oxidizing properties	No data available
t) Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity No data available	

Pennsylvania Right To Know Components Polycarbonate	CAS-No. 24980-41-4
New Jersey Right To Know Components Polycarbonate	CAS-No. 24980-41-4
California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information	
HMS Rating Hazardous: 0 Flammability: 0 Reactivity: 0	HMPA Rating Hazardous: 0 Flammability: 0 Reactivity: 0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Scientific Polymer Products, Inc.

Section 1: Identification			
PRODUCT AND COMPANY INFORMATION			
Product Name:	Polycarbonate	Molecular Formula:	(C ₃ H ₂ O ₃) _n
Catalog Number(s):	035, 035C, 035S, 954		
Company:	Scientific Polymer Products, Inc. 2085 Duane Highway San Jose, CA 95131		
Telephone:	408/296-0413		
Website:	800/265-1385 www.scipoly.com		
Emergency Phone Number:	800-255-8924 (C-HEM TEL)		

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture. Not a hazardous substance or mixture. Not a hazardous substance or mixture.	
GHS Label elements, including supplementary statements Not a hazardous substance or mixture.	
Hazard not otherwise classified (HNOC) or not covered by GHS – none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Polycarbonate	20832-68-3	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled	• If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician
In case of skin contact	• Wash off with soap and plenty of water. Consult a physician.
In case of eye contact	• Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if effects occur.
If swallowed	

Polymer Sample Kit, Catalog# 205			
P a g e 211			
Section 10: Stability and Reactivity			
Reactivity			
No data available			
Chemical stability			
Stable under recommended storage conditions.			
Possibility of hazardous reactions			
Polymerization will not occur			
Conditions to avoid			
Avoid temperatures above 435 °C. Exposure to elevated temperatures can cause product to decompose.			
Incompatible materials			
None known.			
Hazardous decomposition products			
Other decomposition products - Decomposition products depend upon temperature, air supply and the presence of other materials. Processing may release fumes and other decomposition products. At temperatures exceeding melt and are not limited to Carbon monoxide, Carbon dioxide, Aromatic compounds, Hydrocarbons, Phenolics, Polymer fragments.			
In the event of fire, see section 5			

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Irritation:	
Dermal: The dermal LD50 has not been determined. Typical for this family of materials. Estimated: LD50, rabbit > 2,000 mg/kg	
Ingestion: Single case oral LD50 has not been determined. Typical for this family of materials. Estimated: LD50, rat > 5,000 mg/kg	
Skin corrosion/irritation	
Prolonged contact is essentially non-irritating to skin. Mechanical injury only. Under normal processing conditions, material is heated to elevated temperatures, contact with the material may cause thermal burns.	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
ARC: This product is not a carcinogen. This product is not a carcinogen by IARC.	

Never give anything by mouth to an unconscious person. May cause gastrointestinal blockage. Do not induce vomiting unless directed to do so by medical personnel. Consult a physician.

Wear impervious gloves and eye face. Both acute and delayed.

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indications of any immediate medical attention and special treatment needed

No data available

Section 5: Fire-Fighting Measures	
Substance-extinguishing media:	
Water: Dry chemical fire extinguishers. Carbon dioxide fire extinguishers.	
Special hazards arising from the substance or mixture:	
During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide, Carbon dioxide, Phenolic compounds.	
Advice for firefighters	
Use self-contained breathing apparatus for firefighting if necessary. Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Spilled material may cause a slipping hazard. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.	
Environmental precautions	
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 11. Ecological information.	
Methods and materials for containment and cleaning up	
Contain spilled material if possible. Sweep up. Collect in suitable and properly labeled containers.	
Reference to other sections	
For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling	
No smoking, open flames or sources of ignition in handling and storage area. Good housekeeping and controlling of dusts are necessary for safe handling of product. Avoid breathing process fumes. Use with adequate ventilation. Do not get material on skin or clothing. Do not get material on face. Do not get material in eyes. Do not get material in mouth. Do not get material on clothing. Pneumatic conveying and other mechanical handling operations can generate combustible dust. To avoid dust accumulation, dust can be ignited by static discharge. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place. Keep in a dry place.	
Specific end use(s)	
Laboratory chemicals, Manufacture of substances	
Restrictions on Use	
Not for drug or household use	

Polymer Sample Kit, Catalog# 205			
P a g e 212			
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.			
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.			
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.			
Reproductive toxicity			
No data available			
Specific target organ toxicity - single exposure			
No data available			
Specific target organ toxicity - repeated exposure			
No data available			
Aspiration hazard			
No data available			
Additional information			
RTCS: Not available			

Section 12: Ecological Information	
Toxicity	
Not expected to be acutely toxic, but material in pellet or bead form may mechanically cause adverse effects if ingested by waterfowl or aquatic life.	
Persistence and degradability	
This water-insoluble polymer will be expected to be inert in the environment. Surface photodegradation is expected with exposure to sunlight. No appreciable biodegradation is expected.	
Bioaccumulative potential	
No bioaccumulation is expected because of the relatively high molecular weight (MW greater than 1000).	
Mobility in soil	
In the aquatic environment, material is expected to remain in the soil. In the aquatic environment, material will sink and remain in the sediment.	
Results of PBT and vPvB assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Other: See plus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as waste product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	

Section 8: Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Exposure controls

Appropriate engineering controls

General industrial hygiene practices.

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit values.

Personal protective equipment

Should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Eye/face protection

Wear eye protection. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK/P2 (EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Pellets
b) Odor	Odorless
c) pH	No data available
d) Melting point/freezing point	No data available
e) Boiling point	No data available
f) Flash point	No data available
g) Evaporation rate	No data available
h) Flammability (solid, gas)	No data available
i) Upper/lower flammability or vapor pressure	No data available
j) Vapor density	No data available
k) Vapor pressure	No data available
l) Water solubility	No data available
m) Partition coefficient n-octanol/water	No data available
n) Decomposition temperature	No data available
o) Viscosity	No data available

Polymer Sample Kit, Catalog# 205			
P a g e 213			
IMDG			
Not dangerous goods			
IATA			
Not dangerous goods			
Section 15: Regulatory Information			
SARA 302 Components			
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.			
SARA 313 Components			
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.			
SARA 311/312 Hazards			
No SARA Hazards			
Massachusetts Right To Know Components			
No components are subject to the Massachusetts Right to Know Act.			
Pennsylvania Right to Know Components			
No components are subject to the Pennsylvania Right to Know Act.			
New Jersey Right to Know Components			
No components are subject to the New Jersey Right to Know Act.			
California Prop. 65 Components			
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.			

Section 16: Other Information			
HMIS Rating		NFPA Rating	
Health: 1	Flammability: 1	Health: 1	Flammability: 1
Reactivity: 0	Environmental: 0	Reactivity: 0	Environmental: 0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.			



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Poly(2,6-dimethyl-1,4-phenylene oxide)	
Catalog Number(s):	126126C	
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519	
Telephone:	585/265-0413	
Fax:	585/265-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	

Section 2: Hazards Identification		
Classification of the substance or mixture		
Not a hazardous substance or mixture.		
GHS Label elements, including precautionary statements		
Not a hazardous substance or mixture.		
Hazard not otherwise classified (HNOC) or not covered by GHS – none		
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.		

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Poly(2,6-dimethyl-1,4-phenylene oxide)	25134-01-4	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled	
If inhaled in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact	
Wash off with soap and plenty of water.	
In case of eye contact	
Flush eyes with water as a precaution.	
If swallowed	

Conditions to avoid	
No data available	
Incompatible materials	
Strong oxidizing agents	
Hazardous decomposition products	
Other decomposition products - No data available	
In the event of fire, see Section 9	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation:	
No data available	
Dermal:	
No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
No data available	
ACGIH: No component of this product present at levels greater than or equal to 0.1% identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	
No data available	
Specific target organ toxicity - single exposure	
No data available	
Specific target organ toxicity - repeated exposure	
No data available	
Aspiration hazard	
No data available	
Additional information	
RTECS: Not available	

Section 12: Ecological Information	
Ecotoxicity	
No data available	

Never give anything by mouth to an unconscious person. Rise mouth with water.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon oxides	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions	
Do not let product enter drains.	
Methods and materials for containment and cleaning up	
Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling	
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place.	
Specific end use(s)	
Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
General industrial hygiene practice.	
Personal protective equipment	

Resistance and degradability	
No data available	
Biodegradability potential	
No data available	
Mobility in soil	
No data available	
Biodegradability and other assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
No chemicals in this material contain any chemical components with known CAS numbers that exceed the threshold (in Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 314 (213) Hazards	
No SARA Hazards	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
Poly(2,6-dimethyl-1,4-phenylene oxide)	CAS-No. 25134-01-4
New Jersey Right To Know Components	
Poly(2,6-dimethyl-1,4-phenylene oxide)	CAS-No. 25134-01-4
California Prop. 65 Components	

Eye/Face protection
(US) or EN 166(EU).

Skin protection
Wash hands with soap. Wash and dry hands.

Body Protection
Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type H95 (US) or EN 166(EU).

Control of environmental exposure
Do not let product enter drains.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	White Powder
b) Odor	No data available
c) pH	No data available
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Flash point	No data available
g) Auto-ignition temperature	No data available
h) Decomposition temperature	No data available
i) Explosive properties	No data available
j) Oxidizing properties	No data available
k) Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity	
No data available	
Chemical stability	
Stable under recommended storage conditions.	
Possibility of hazardous reactions	
No data available	

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information	
HMIS Rating	
Health: 0	
Flammability: 0	
Reactivity: 0	
NTPA Rating	
Health: 0	
Flammability: 0	
Reactivity: 0	
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	

Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Poly(4,4'-dipropoxy-2,2-diphenyl propane fumarate)
Catalog Number(s):	334 Molecular Formula: (C ₁₈ H ₁₆ O ₄)(C ₁₀ H ₆ O ₂) ₂
Company:	Scientific Polymer Products, Inc. 6385 Dean Parkway Ontario, NY 14519
Telephone:	585/265-0413
Fax:	585/265-1180
Website:	www.scipoly.com
Emergency Phone Number:	800-254-3924 (CHEM TEL)
Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture. GHS Label elements, including precautionary statements Not a hazardous substance or mixture. Hazard not otherwise classified (HOC) or not covered by GHS - none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	
Section 3: Composition/Information on Ingredients	
Ingredient	CAS Number Concentration (%)
Poly(4,4'-dipropoxy-2,2-diphenyl propane fumarate)	39382-25-7 100
Section 4: First Aid Measures	
Description of first aid measures If inhaled: If inhaled in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact: Wash off with soap and plenty of water. In case of eye contact: Flush eyes with water for 15 minutes. If swallowed: Do not give anything by mouth to an unconscious person. Rinse mouth with water.	

Conditions to avoid Contamination by those materials referred to under Incompatible materials Incompatible materials Strong oxidizing agents, incompatible with oxidizing agents Hazardous decomposition products Other decomposition products – Carbon monoxide, Carbon dioxide, Hydrocarbons In the event of fire, see Section 9	
Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity No data available Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization Not available Germ cell mutagenicity No data available Carcinogenicity ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity No data available Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available Aspiration hazard No data available Additional information RTCS: KX405000	

Most important symptoms in 4-days, both acute and delayed.
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
No data available

Section 5: Fire-Fighting Measures
Substance with flammable needs Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Water or foam may cause frothing. Special hazards arising from the substance or mixture Carbon oxides Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information Dust can form an explosive mixture with air.

Section 6: Accidental Release Measures
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure proper ventilation for personal protection see section 8. Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Methods and materials for containment and cleaning up Use an approved industrial vacuum cleaner for removal. Scovel or sweep up. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.
Section 7: Handling and Storage
Precautions for safe handling Precautions for safe handling For precautions see section 2.2 Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Keep in a dry place Specific end use(s) Laboratory chemicals, Manufacture of substances
Section 8: Exposure Controls/Personal Protection
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practice.

Section 12: Ecological Information
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available
Section 13: Disposal Considerations
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.
Section 14: Transport Information
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods
Section 15: Regulatory Information
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313. Minimal reporting levels established by SARA Title III, Section 313 No SARA 313 Hazards No SARA 302-6 Massachusetts Right to Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right to Know Components CAS No. Poly(4,4'-dipropoxy-2,2-diphenyl propane fumarate) 39382-25-7

Personal protective equipment
Eye/face protection
Safety glasses with side shields. Use equipment for eye protection tested and approved under appropriate government standards such as ANSI (US) or EN 166(EU).
Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the intended use of the product. Body protection must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust mask. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or EN 183 (EU).

Control of environmental exposure
Do not let product enter drains

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Granular
b) Odor	Odorless
c) pH	Not applicable
d) Melting point/freezing point	No data available
e) Flash point	No data available
f) Flash point (closed cup)	No data available
g) Evaporation rate	No data available
h) Upper/lower flammability or explosion limits	No data available
i) Vapor density	No data available
j) Relative density	No data available
k) Partition coefficient: n-octanol/water	No data available
l) Auto-ignition temperature	No data available
m) Decomposition temperature	No data available
n) Viscosity	No data available
o) Dielectric properties	No data available
p) Other safety information	No data available
Section 10: Stability and Reactivity	
Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Stability under recommended storage conditions.	
Possibility of hazardous reactions	
Hazardous polymerization does not occur	

New Jersey Right To Know Components
CAS No.
Poly(4,4'-dipropoxy-2,2-diphenyl propane fumarate) 39382-25-7
California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information
HMIS Rating Health: 1 Physical: 0 Reactivity: 0 NFPA Rating Health: 1 Flammability: 0 Reactivity: 0 This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.

Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Polyethylene, chlorosulfonated	Molecular Formula: Unsaturated
Catalog Number(s):	107	
Company:	Scientific Polymer® Products, Inc. 6265 Dean Parkway Cheshire, NJ 07425	
Telephone:	953/765-0413	
Fax:	953/765-0414	
Website:	www.scipoly.com	
Emergency Phone Number:	800-253-3924 (CHEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture.	
GHS label elements, including precautionary statements Not a hazardous substance or mixture.	
Hazard not otherwise classified (HNOC) or not covered by OHS – none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Polyethylene, chlorosulfonated	68037-39-8	100

Section 4: First Aid Measures	
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Description of first aid measures	
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Flush eyes with water as a precaution.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	No data available
Incompatible materials	Strong oxidizing agents, strong bases
Hazardous decomposition products	No data available
Other adverse effects	No data available
Other adverse effects	No data available

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	No data available
Inhalation	No data available
Dermal	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Genes cell mutagenicity	No data available
Carcinogenicity	No data available
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional Information	PECC: Not available

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-fighting Measures	
Suitable extinguishing media Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture Carbon oxides, Sulphur oxides, Hydrogen chloride gas	
Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.	
Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions Do not let product enter drains.	
Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well-ventilated place.	
Specific end use(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values.	
Exposure controls Appropriate engineering controls General industrial hygiene practice.	
Personal protective equipment	

Section 12: Ecological Information	
Toxicity No data available	
Persistence and degradability No data available	
Bioaccumulative potential No data available	
Mobility in soil No data available	
Results of PBT and vPvB assessment PBT/vPvB assessment: Not available as chemical safety assessment not required/not conducted	
Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods	
IMDG Not dangerous goods	
IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313 (Minimum) reporting levels established by SARA Title III, Section 313.	
SARA 314 (EPC) Hazards No SARA Hazards	
Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components CAS No: 68037-39-8 Polyethylene, chlorosulfonated	

Use gloves when handling.
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves) after use. Wash hands immediately after glove removal. Do not reuse gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection
(US) or type P1 (EN 143) dust mask. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	White, chunky
b) Odor	Slight, ether-like
c) Melting point/freezing point	No data available
d) Initial boiling point and boiling range	No data available
e) Boiling point at reduced pressure	No data available
f) Evaporation rate	No data available
g) Flammability (solid, gas)	No data available
h) Explosive limits	No data available
i) Vapor pressure	No data available
j) Relative density	Slightly
k) Water solubility	No data available
l) Auto-ignition temperature	No data available
m) Decomposition temperature	No data available
n) Explosive properties	No data available
o) Outfiring properties	No data available
Other safety information No data available	

Section 10: Stability and Reactivity	
Reactivity No data available	
Chemical stability Stable under recommended storage conditions.	
Possibility of hazardous reactions No data available	

Section 11: Other Information	
HMIS Rating Health: 0 Hazard: 0 Reactivity: 0	
NFPA Rating Health: 0 Hazard: 0 Reactivity: 0	
This material is intended for laboratory use only. It is not sold or intended to drug, household or other uses. The information on this label is for laboratory use only. It is not intended for use in the home. No warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	

Section 16: Other Information	
New Jersey Right to Know Components Polyethylene, chlorosulfonated CAS No: 68037-39-8	
California Prop. 65 Components Polyethylene, chlorosulfonated California Prop. 65 chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Polyethylene, low density	Molecular Formula: (C ₂ H ₄) _n
Catalog Number(s):	042	
Company:	Scientific Polymer Products, Inc. 6345 Dean Parkway Ontario, NY 14519	
Telephone:	585/785-0413	
Fax:	585/785-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-254-3924 (CHEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture	
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	
Combustible dust	
GHS Label elements, including precautionary statements	
Pictogram	
Hazard statement(s)	
Precautionary statement(s)	
Hazard(s) not otherwise classified (HNOC) or not covered by GHS	
Combustible dust	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Polyethylene	9002-88-4	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled	
If breathed in, move person into fresh air. If not breathing, give artificial respiration.	

Other safety information	
No data available	

Section 10: Stability and Reactivity	
Reactivity	
No data available	
Stable under recommended storage conditions.	
Reactivity of hazardous reactions	
No data available	
Conditions to avoid	
No data available	
Incompatible materials	
Strong oxidizing agents	
Hazardous decomposition products	
Other decomposition products - No data available	
In the event of fire: see section 5	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
LD50 Oral-Rat > 1,000 mg/kg	
Irritation: No data available	
Dermal: No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
No data available	
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	
No data available	

In case of skin contact
Wash off with soap and plenty of water.

In case of eye contact
Rinse eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon oxides	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions	
No special environmental precautions required.	
Methods and materials for containment and cleaning up	
Sweep up and place in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 11.	

Section 7: Handling and Storage

Precautions for safe handling
Combustible dusts may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.

Conditions for safe storage, including any incompatibilities
Store in a closed container in a dry airtight area. Keep away from heat and sources of ignition. Keep away from acids, alkalis, and animal feeding stuffs. Keep container tightly closed in a dry and well ventilated place.

Specific end use(s)
Laboratory chemicals, manufacture of substances

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional information
HETCS: 03-32-0000

Section 12: Ecological Information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and vPvB assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	

Section 8: Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters
Contains no substances with occupational exposure limit values.

Exposure controls

Appropriate engineering controls
General industrial hygiene practice.

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching the outside of gloves). Wash hands immediately after glove removal. Do not reuse gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	White pellets
b) Odor	Faint, mild hydrocarbon
c) Melting point/freezing point	No data available
d) Initial boiling point and boiling range	No data available
e) Evaporation rate	No data available
f) Flammability (solid, gas)	No data available
g) Upper/lower flammability or explosion limits	No data available
h) Vapor density	No data available
i) Relative density	No data available
j) Partition coefficient: n-octanol/water	No data available
k) Auto-ignition temperature	No data available
l) Decomposition temperature	No data available
m) Viscosity	No data available
n) Explosive properties	No data available
o) Oxidizing properties	No data available

SARA 311/312 Hazards
No SARA Hazards.

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components
Polyethylene
CAS-No. 9002-88-4

New Jersey Right To Know Components
Polyethylene
CAS-No. 9002-88-4

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information	
HMS Rating	0
Flammability	0
Reactivity	0
Health	0
Flammability	0
Reactivity	0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate completion of the safety data sheet based on the available information. We warrant, except as implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Polyethylene, oxidized
Catalog Number(s):	405, 406
Company:	Scientific Polymer Products, Inc. 1000 Highway 10 Ontario, NY 14519
Telephone:	585/265-9413
Fax:	585/265-1390
Website:	www.sppoly.com
Emergency Phone Number:	800-255-3924 (CHEM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture. GHS Label elements, including precautionary statements Not a hazardous substance or mixture. Hazards not otherwise classified (HNOC) or not covered by GHS – none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate precautions and pre-cautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Polyethylene, oxidized	6841-17-8	100

Section 4: First Aid Measures	
Description of first aid measures If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact Wash off with soap and plenty of water. In case of eye contact Flush eyes with water as a precaution.	

Section 11: Toxicological Information	
Conditions to avoid No data available Acute toxicity No data available Respiratory irritant No data available Strong oxidizing agents No data available Hazardous decomposition products No data available Other information In the event of fire: see section 5	

Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity No data available Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Reproductive toxicity No data available Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available Aspiration hazard No data available Additional information RTCS: Not available	

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed
The most important human symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Substance extinguishing media Use water spray, alcohol resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon dioxide Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Other information No data available	

Section 6: Accidental Release Measures	
Personal protective, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8. Environmental procedures Do not let enter drains Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Specific end use(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General Industrial Hygiene practice.	

Section 12: Ecological Information	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and pHvB assessment PBT/pHvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material contains any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components Polyethylene, oxidized CAS-No. 6841-17-8	

Personal protective equipment

Eye/face protection
Use eye protection for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 1841:1.

Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the type of task. Clothing must not be soaked or saturated. Clothing must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CE (EU).

Control of environmental exposure
Do not let product enter drains.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder or pellets
b) Odor	No data available
c) pH	No data available
d) pH range (freezing point)	No data available
e) Initial boiling point and boiling range	No data available
f) Flash point	No data available
g) Auto-ignition point	No data available
h) Flammability (solid, gas)	No data available
i) Upper/lower flammability or explosive limits	No data available
j) Vapor pressure	No data available
k) Relative density	No data available
l) Water solubility	Negligible
m) Partition coefficient n, octanol/water	No data available
n) Auto-ignition temperature	No data available
o) Decomposition temperature	No data available
p) Explosive limits	No data available
q) Explosive properties	No data available
r) Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Possibility of hazardous reactions No data available	

New Jersey Right To Know Components Polyethylene, oxidized CAS-No. 6841-17-8 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	
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Section 16: Other information	
NMIS Rating Health: 0 Environment: 0 Reactivity: 0 NPA Rating Health: 0 Environment: 0 Reactivity: 0 This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification

PRODUCT AND COMPANY INFORMATION		
Product Name:	Poly(ethylene oxide)	Molecular Formula: (C ₂ H ₄ O) _x
Catalog Number(s):	136A, 136B, 136D, 136E, 343, 344, 345	
Company:	Scientific Polymer Products, Inc. 6245 Olsen Parkway Oxnard, NY 14619	
Telephone:	888/786-0413	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	

Section 2: Hazards Identification

Classification of the substance or mixture	No data available
Not a hazardous substance or mixture.	
GHS Label elements, including precautionary statements	No data available
Not a hazardous substance or mixture.	
Hazards not otherwise classified (HNOC) or not covered by GHS – none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients

Ingredient	CAS Number	Concentration (%)
Poly(ethylene oxide)	2532-48-3	100

Section 4: First Aid Measures

Description of first aid measures	
If inhaled	
If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact	
Wash off with soap and plenty of water.	
In case of eye contact	
Flush eyes with water as a precaution.	
If swallowed	
Never give anything by mouth to an unconscious person. Rinse mouth with water.	
Most important symptoms and effects, both acute and delayed	

Section 11: Toxicological Information

Information on toxicological effects	
Acute toxicity	
Conditions to avoid	No data available
Inhalation:	No data available
Dermal:	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	
h4C:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACOH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACOH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen by the OSHA Carcinogen List.
Reproductive toxicity	
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Aspiration hazard	No data available
ATECS: Not available	

Section 12: Ecological Information

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-Fighting Measures

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	Carbon oxides
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	No data available

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	
For personal protection see section 8.	

Environmental precautions

No special environmental precautions required.

Methods and materials for containment and cleaning up

Section 7: Handling and Storage

Precautions for handling	
Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.	
Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Store in a cool, dry place. Keep away from heat and sources of ignition. Keep away from food, drink, and animal feeding stuffs. Keep container tightly closed in a dry and well ventilated place.	
Specific and usual	
Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection

Control parameters				
Components with workplace control parameters				
Component	CAS No.	Value	Control parameters	Notes
Poly(ethylene oxide)	2532-68-3	TWA	10 mg/m ³	USA: Workplace Environmental Exposure Levels (WEEL)
Exposure controls				
Appropriate engineering controls				
General industrial hygiene practice.				

Toxicity	No data available
Persistence and degradability	No data available
Biodegradability	No data available
Non-cumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available

Section 13: Disposal Considerations

Waste treatment methods	
Product	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	
Disposal of its unused product	

Section 14: Transport Information

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

Section 15: Regulatory Information

SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313 (Minimum) reporting levels established by SARA Title III, Section 313.
SARA 314 / EPC Hazards	No SARA Hazard
Massachusetts Right To Know Components	No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right To Know Components	CAS-No: 25322-48-3
Poly(ethylene oxide)	
New Jersey Right To Know Components	CAS-No: 25322-48-3
Poly(ethylene oxide)	

Personal protective equipment

Eye/face protection
Wear eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dupon of contaminated gloves after use in accordance with applicable laws and good laboratory practice. Wash and dry hands.

Body Protection
The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Not required. Where protection from nuisance levels of dusts are desired, use type H95 (US) or P1 (EN 143) filter cartridges. Components listed are approved under appropriate government standards such as NIOSH (US) or EN (EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance	White, waxy to off white powder
Color	Ammoniacal
Odor	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	65° C (149° F)
Evaporation rate	No data available
Flammability (solid, gas)	May form combustible dust concentrations in air
Upper/lower flammability or explosibility limits (%)	No data available
Vapor pressure	No data available
Water solubility	Infinite
Decomposition temperature	No data available
Autoclave temperature	305° C (581° F)
Explosive properties	No data available
Other safety information	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available

California Prop. 65 Components
This material contains chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information

HMS Rating	0	NFPA Rating	0
Health: 0		Flammability: 0	
Environment: 0		Reactivity: 0	

This material is intended for laboratory use only. It is not sold or intended for drug, household or other use. This information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Poly(ethyl methacrylate)	Molecular Formula: (C ₅ H ₈ O ₂).
Catalog Number(s):	113, 113C	
Company:	Scientific Polymer Products, Inc. 113, 113C Ontario, NY 14519	
Telephone:	585/265-0413	
Fax:	585/265-1390	
Mobile:	800/255-3924 (CEN TEL)	
Emergency Phone Number:	800/255-3924 (CEN TEL)	

Section 2: Hazards Identification		
Classification of the substance or mixture Not a hazardous substance or mixture.		
GHS Label elements, including precautionary statements Not a hazardous substance or mixture.		
Hazard not otherwise classified (HNOC) not covered by GHS – none		
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.		

Section 3: Composition/Information on Ingredients		
Ingredient:	CAS Number:	Concentration (%)
Poly(ethyl methacrylate)	9003-42-3	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact: Wash off with soap and plenty of water. In case of eye contact: Rinse eyes with water* as a precaution. If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Section 11: Toxicological information	
Information on toxicological effects	
Acute toxicity No data available	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation No data available	
Serious eye damage/eye irritation No data available	
Respiratory or skin sensitization No data available	
Germ cell mutagenicity No data available	
Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity No data available	
Specific target organ toxicity - single exposure No data available	
Specific target organ toxicity - repeated exposure No data available	
Aspiration hazard No data available	
Additional information RTECS: Not available	

None. Important symptoms and effects, both acute and delayed.
The only safety data known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Indication of any immediate medical attention and special treatment needed
No data available.

Section 5: Fire-Fighting Measures	
Substance or mixture specific details: Us: water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture None of decomposition products not known Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Avoid breathing vapors, mist or gas. For personal protection see section 8. Environmental precautions Do not let products enter drains Methods and materials for containment and cleaning up Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling For precautions see section 2. Conditions for safe storage, including any incompatibilities Store in a closed container in a dry and cool area. Keep away from heat and sources of ignition. Keep away from food, drink, and animal feeding stuffs. Keep container tightly closed in a dry and well ventilated place. Specific end uses(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contain no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practice.	

Section 12: Ecological information	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 317/312 Hazards No SARA Hazards Massachusetts Right to Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right to Know Components CAS No. 9003-42-3 Poly(ethyl methacrylate)	

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Work with gloves. Gloves must be inspected prior to use. Use proper glove removal technique without touching glove's external surface. Wash hands immediately after use. Do not use if the gloves show signs of wear and tear. Wash and dry hands.
Clothing
Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the use of the substance. Special precautions must be selected according to the concentration and the amount of the dangerous substance in the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: White granular
b) Color	Typical "methacrylate"
c) Odor	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Boiling point	No data available
g) Flash point	200°C (372°F)
h) Evaporation rate	No data available
i) Vapor pressure (kPa)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor density	No data available
l) Relative density	No data available
m) Partition coefficient: n-octanol/water	No data available
n) Auto-ignition temperature	No data available
o) Flash point	No data available
p) Viscosity	No data available
q) Explosive properties	No data available
r) Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity No data available	
Chemical stability Stable under recommended storage conditions.	
Possibility of hazardous reactions No data available	

New Jersey Right to Know Components Poly(ethyl methacrylate)	
CAS-No. 9003-42-3	
California Prop. 65 Components No chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other information	
HMS Rating	NPA Rating
Health: 0	Health: 0
Environment: 0	Environment: 0
Reactivity: 0	Reactivity: 0

This material is intended for laboratory use only. It is not sold or intended for other household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Poly(2-hydroxyethyl methacrylate)	Molecular Formula: (C ₅ H ₈ O ₂) _n
Catalog Number(s):	414, 815, 1016	
Company:	Scientific Polymer Products, Inc. 3827665-1390m Ontario, NY 14519	
Telephone:	585/295-0413	
Fax Number:	585/295-1390m	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	
Section 2: Hazards Identification		

Section 3: Composition/Information on Ingredients		
Ingredient: Poly(2-hydroxyethyl methacrylate)	CAS Number: 75249-16-5	Concentration (%): 100
Section 4: First Aid Measures		
Description of first aid measures If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact Wash off with soap and plenty of water. In case of eye contact Flush eyes with water as a precaution. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.		

Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity No data available Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Genetic toxicity No data available Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	

Section 12: Ecological Information	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and vPvB assessment Poly(vPvB assessment not available) is chemical safety assessment not required/not conducted Other adverse effects No data available	
Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	
Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	
Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313. Minimal reporting levels established by SARA Title III, Section 313. SARA 311, 312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS-No. 25249-16-5 Poly(2-hydroxyethyl methacrylate)	

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are listed below in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide Special hazards arising from the substance or mixture Carbon dusts Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available	
Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures For personal protection see section 8. Spillout, dust or gas Environmental precautions Do not let products enter drains Methods and materials for containment and cleaning up Sweep up and keep. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventative fire protection. For precautions see section 2 Conditions for safe storage, including any incompatibilities Store in a cool, dry place. Keep away from heat, open flame and sources of ignition. Keep away from food, drink, and animal feeding stuffs. Keep container tightly closed in a dry and well ventilated place. Specific end uses Laboratory chemicals, Manufacture of substances	
Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practice.	

Section 12: Ecological Information	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and vPvB assessment Poly(vPvB assessment not available) is chemical safety assessment not required/not conducted Other adverse effects No data available	
Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	
Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	
Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313. Minimal reporting levels established by SARA Title III, Section 313. SARA 311, 312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS-No. 25249-16-5 Poly(2-hydroxyethyl methacrylate)	

Personal protective equipment

Eye/face protection
Wear eye protection (safety glasses or face shields) in the labelling (see section 2) and/or in section 11
Hand protection
Gloves must be worn. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Protective clothing is in addition to the type, to the concentration and amount of the dangerous substance, and to the specific workplace. The type of protective equipment must be selected according to the concentration and the amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 respirator (NIOSH US) or type P2 respirator (EN (EU)).
Components tested and approved under appropriate government standards such as NIOSH (US) or EN (EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder or granular
b) Odour	No data available
c) pH	No data available
d) pH during acid/alkaline point	No data available
e) Initial boiling point and boiling range	No data available
f) Flash point	No data available
g) Flash point	No data available
h) Flammability (solid, gas)	No data available
i) Upper/lower flammability or	No data available
flammability limits	No data available
j) Vapor pressure	No data available
k) Vapor density	No data available
l) Density	No data available
m) Water solubility	Insoluble
n) Partition coefficient: n-octanol/water	No data available
o) Decomposition temperature	No data available
p) Viscosity	No data available
q) Other properties	No data available
r) Dosing properties	No data available
s) Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Reactivity of hazardous reactions No data available	

New Jersey Right To Know Components Poly(2-hydroxyethyl methacrylate) CAS-No. 25249-16-5 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	
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Section 16: Other Information			
HMS Rating		NPA Rating	
Health:	0	Health:	0
Flammability:	0	Flammability:	0
Reactivity:	0	Reactivity:	0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.			



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Poly(isobutyl methacrylate)	
Catalog Number(s):	112, 112C	
Company:	Scientific Polymer Products, Inc. 1000 West 10th Street Olathe, MO, 64601	
Telephone:	913-255-0413	
Fax:	913-255-1380	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	

Section 2: Hazards Identification		
Classification of the substance or mixture Not a hazardous substance or mixture.		
GHS label elements, including precautionary statements Not a hazardous substance or mixture.		
Hazard(s) not otherwise classified (HNOC) or not covered by GHS – none		
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.		

Section 3: Composition/Information on Ingredients		
Ingredient:	CAS Number	Concentration (%)
Poly(isobutyl methacrylate)	9011-15-8	100

Section 4: First Aid Measures	
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Description of first aid measures	
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact: Wash off with soap and plenty of water.	
In case of eye contact: Flush eyes with water as a precaution.	

Conditions to avoid No data available
Incompatible materials Strong oxidizing agents, strong bases
Hazardous decomposition products Other decomposition products - No data available
In the event of fire, see section 5

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity No data available	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation No data available	
Serious eye damage/eye irritation No data available	
Respiratory or skin sensitization No data available	
Germ cell mutagenicity No data available	
Carcinogenicity IARC: possible or confirmed human carcinogen by IARC	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	

Carcinogenicity IARC: Not classified	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional information	ATCS: Not available
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.	

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture Carbon oxides	
Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.	
Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Evacuate and isolate the spill/leak area. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions Do not let product enter drains.	
Methods and materials for containment and cleaning up Sweep and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.2	
Conditions for safe storage, including any incompatibilities Keep away from food, drink, and animal feeding stuffs. Keep container tightly closed in a dry and well-ventilated place.	
Specific end use(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values.	
Exposure controls Appropriate engineering controls General industrial hygiene practice.	

Section 12: Ecological Information	
Toxicity No data available	
Persistence and degradability No data available	
Bioaccumulative potential No data available	
Mobility in soil No data available	
Results of PBT and VPvB assessment PBT/VPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods	
IMDG Not dangerous goods	
IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 113.	
SARA 311/312 Hazards No SARA Hazards	
Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components Poly(isobutyl methacrylate)	

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique without touching glove's outer surface to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the exposure scenario. Protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CE (EU).

Control of environmental exposure
No special environmental precautions required

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Beads
b) Odor	Typical "methacrylate"
c) Melting point	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Boiling point	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Vapor pressure (mm Hg)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor density	No data available
l) Relative density	No data available
m) Partition coefficient: n-octanol/water	No data available
n) Auto-ignition temperature	No data available
o) Flash point temperature	No data available
p) Viscosity	No data available
q) Explosive properties	No data available
r) Oxidizing properties	No data available
Other safety information No data available	

Section 10: Stability and Reactivity	
Reactivity No data available	
Chemical stability Stable under recommended storage conditions.	
Possibility of hazardous reactions No data available	

New Jersey Right To Know Components Poly(isobutyl methacrylate)	CAS No. 9011-15-8
California Prop. 65 Components This material contains the following chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information	
HMIS Rating	Health: 0 Hazard: 0 Reactivity: 0
NFPA Rating	Health: 0 Hazard: 0 Reactivity: 0
This material is intended for laboratory use only. It is not sold or intended for use, handled or other uses. The information presented here is not accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Poly(methyl methacrylate)
Catalog Number(s):	037A, 037B, 037C, 037D, 037S, 424
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519
Telephone:	585/265-0413
Fax:	585/265-1390
Website:	www.scppoly.com
Emergency Phone Number:	800-255-3924 (CHEM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture.	
GHS label elements, including precautionary statements Not a hazardous substance or mixture.	
Hazard: not otherwise classified (HNOO) or not covered by GHS – none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients	
Ingredient Poly(methyl methacrylate)	CAS Number: 9011-14-7 Concentration (%): 100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact: Wash off with soap and plenty of water.	
In case of eye contact: Flush eyes with water as a precaution.	
If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Gen cell mutagenicity	
No data available	
Carcinogenicity	
Not a carcinogen – not a known or suspected human carcinogen by IARC.	
Tumor (gen): Tumors at site of application.	
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	

Section 12: Ecological Information	
Conditions to avoid	
No data available	
Incompatible materials	
Strong oxidizing agents, Strong acids	
Hazardous decomposition products	
Other decomposition products: No data available	
In the event of fire, see Section 9	

Section 13: Disposal Considerations	
Waste treatment methods	
Product: Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	
No SARA Hazards	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
CAS No. 5011-14-7 Poly(methyl methacrylate)	

Most important symptoms and effects, both acute and delayed.
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon oxides	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions	
No special environmental precautions required.	
Methods and materials for containment and cleaning up	
Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling	
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place. Keep in a dry place.	
Specific end use(s)	
Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
General industrial hygiene practice.	

Section 12: Ecological Information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and VPvB assessment	
PBT/VPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product: Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	
No SARA Hazards	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
CAS No. 5011-14-7 Poly(methyl methacrylate)	

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 186 (EU).

Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique without touching glove's outer surface to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the expected duration of the task. Protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respirator protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or EN (EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	Typical "methacrylate"
c) Melting point/freezing point	No data available
d) Boiling point/breaking point and boiling range	No data available
e) Flash point	No data available
f) Evaporation rate	No data available
g) Upper/lower flammability or explosive limits	No data available
h) Vapor density	No data available
i) Relative density	No data available
j) Partition coefficient: n-octanol/water	No data available
k) Auto-ignition temperature	No data available
l) Decomposition temperature	No data available
m) Viscosity	No data available
n) Explosive properties	No data available
o) Oxidizing properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
No data available

Section 16: Other Information	
New Jersey Right To Know Components	
Poly(methyl methacrylate)	
California Prop. 65 Components	
This material does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

HMIS Rating	0	Health: 0
Health:	0	Flammability: 0
Flammability:	0	Reactivity: 0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The user must read and understand the entire label and all instructions and warnings. Scientific Polymer Products, Inc. makes no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Poly(4-methyl-1-pentene) Molecular Formula: (C ₆ H ₁₂)
Catalog Number(s):	382, 383, 384
Company:	Scientific Polymer Products, Inc. 6285 Dean Parkway Ontario, NY 14519
Telephone:	585/265-0413
Fax:	585/265-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-252-3924 (CHEM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture	
Not a hazardous substance or mixture.	
GHS Label elements, including precautionary statements	
Not a hazardous substance or mixture.	
Hazard: Not otherwise classified (NOC) or not covered by GHS - none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate precautions and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients	
Ingredient	CAS Number
Poly(4-methyl-1-pentene)	25068-36-2
	Concentration (%)
	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. If on eye of skin contact: Wash off with soap and plenty of water. In case of eye contact: Flush eyes with water as a precaution. If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory tract sensitization	
No data available	
Genetic toxicity	
No data available	
Carcinogenicity	
One component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	

Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional information	No data available

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-fighting Measures	
Suitable extinguishing media:	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon dioxide	
Advice to firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions	
Do not let product enter drains.	
Methods and materials for containment and cleaning up	
Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling	
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place.	
Specific end use(s)	
Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
General industrial hygiene practices.	

Section 12: Ecological Information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and vPvB assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 317/312 Hazards	
No data available.	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
Poly(4-methyl-1-pentene)	CAS-No. 25068-26-2

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(CO).

Skin protection

Work clothes: Clothing must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Close: body protection in relation to its type, to the concentration and amount of dangerous substances, and to the risk of exposure. Clothing must not be cleaned or stored as soiled. Clothing must be protected from the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Beads
b) Odor	Odorless
c) Color	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Boiling point	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Vapor pressure	No data available
j) Upper/lower flammability or explosion limits	No data available
k) Relative density	No data available
l) Vapor density	No data available
m) Partition coefficient: n-octanol/water	No data available
n) Auto-ignition temperature	No data available
o) Decomposition temperature	No data available
p) Viscosity	No data available
q) Explosive properties	No data available
r) Oxidizing properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity	
Reactivity	
No data available	
Oxidizing ability	
Stable under recommended storage conditions.	
Possibility of hazardous reactions	
No data available	

Section 11: Other Information	
New Jersey Right To Know Components	
Poly(4-methyl-1-pentene)	CAS-No. 25068-36-2
California Prop. 65 Components	
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

HMS Rating	0	NFPA Rating	0
Health:	0	Health:	0
Environment:	0	Environment:	0
Reactivity:	0	Reactivity:	0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other use. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Poly(p-phenylene ether-sulphone)
Chemical Name:	Poly(p-phenylene ether-sulphone)
Chemical Formula:	C ₁₂ H ₆ OS - C ₁₂ H ₆ ClO ₂ S
Company:	Scientific Polymer Products, Inc. 625 Dean Parkway Ontario, NY 14519
Telephone:	585/765-0413
Fax:	585/765-1390
Website:	WWW.SP.POLY.COM
Emergency Phone Number:	800-255-3924 (CHEM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture	
Not a hazardous substance or mixture.	
GHS Label elements, including precautionary statements	
Not a hazardous substance or mixture.	
Hazard not otherwise classified (H ₄₀₀) or not covered by GHS – none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated.	
Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Poly(p-phenylene ether-sulphone)	25608-63-3	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact: Wash off with soap and plenty of water.	
In case of eye contact: Flush eyes with water as a precaution.	
If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Initiation: No data available	
Dermal: No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or suspected carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	

Section 12: Ecological Information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and vPvB assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	
No SARA Hazards	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right To Know Act.	
Pennsylvania Right To Know Components	
Poly(p-phenylene ether-sulphone)	CAS No. 25608-63-3

Most important symptoms and effects, both acute and delayed.
The important health symptoms and effects are described in the labelling (see section 2) and/or in section 11.
No data available

Section 5: Fire-fighting Measures	
Suitable extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
No data available	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas.	
For personal protection see section 8.	
Environmental precautions	
Do not let product enter drains.	
Methods and materials for containment and cleaning up	
Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling	
Further processing of solid materials may result in the formation of combustible dusts. The potential for dust explosion exists. Ignition sources must be avoided. Keep away from heat, open flames, sparks. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place.	
Specific end uses	
Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
General industrial hygiene practice.	

Section 12: Ecological Information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and vPvB assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	
No SARA Hazards	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right To Know Act.	
Pennsylvania Right To Know Components	
Poly(p-phenylene ether-sulphone)	CAS No. 25608-63-3

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection
Closed body protection in relation to type, to the concentration and amount of dangerous substances, and to the risk of exposure. Clothing that has been contaminated must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respirator protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEI (EU).

Control of environmental exposure
Do not let product enter drains

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Pellets
b) Odor	Odorless
c) pH	No data available
d) Melting point/freezing point	No data available
e) Boiling point/breaking point and boiling range	No data available
f) Flash point	No data available
g) Evaporation rate	No data available
h) Upper/lower flammability or explosive limits	No data available
i) Vapor density	No data available
j) Relative density	No data available
k) Partition coefficient: n-octanol/water	No data available
l) Auto-ignition temperature	No data available
m) Flash point	No data available
n) Viscosity	No data available
o) Oxidizing properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity	
Reactivity	
No data available	
Chemical stability	
Stable under recommended storage conditions.	
Possibility of hazardous reactions	
No data available	

New Jersey Right To Know Components	
Poly(p-phenylene ether-sulphone)	CAS No. 25608-63-3
California Prop. 65 Components	
This material does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other information	
HMIS Rating	Health: 0 Physical: 0 Reactivity: 0
NFPA Rating	Health: 0 Physical: 0 Reactivity: 0
This material is intended for laboratory use only. It is not sold or intended for flow, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification			
PRODUCT AND COMPANY INFORMATION			
Product Name:	Polypropylene, isotactic	Molecular Formula: (C ₃ H ₆) _n	
Catalog Number(s):	130		
Company:	Scientific Polymer Products, Inc. 1000 Highway 101 Ottawa, ON K1V 1S1		
Telephone:	585/665-0413		
Fax:	585/665-1390		
Website:	www.scipoly.com		
Emergency Phone Number:	800-255-3924 (CHEM TEL)		
Section 2: Hazards Identification			

Section 2: Hazards Identification			
Classification of the substance or mixture Not a hazardous substance or mixture.			
GHS Label elements, including precautionary statements Not a hazardous substance or mixture.			
Hazard(s) not otherwise classified (HNOC) or not covered by GHS – none			
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.			

Section 3: Composition/Information on Ingredients			
Ingredient:	CAS Number:	Concentration (%)	
Polypropylene, atactic	9003-07-0	100	

Section 4: First Aid Measures			
Description of first aid measures			
General advice Consult a physician. Show this safety data sheet to the doctor in attendance.			
If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.			
In case of skin contact Wash with soap and water.			
In case of eye contact Flush eyes with water as a precaution.			

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Conditions to avoid No data available		
Incompatible materials Strong oxidizing agents, Chlorine, permanganates, e.g. potassium permanganate		
Hazardous decomposition products Other decomposition products - No data available		
In the event of fire, see section 5		

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity Inhalation: No data available LD50 Intraperitoneal-Rat>110,000 mg/kg Remarks: Senses Organs and Special Senses (Nose, Eye, Ear and Taste): Eye Irritation; Senses Organs and Special Senses (Nose, Eye, Ear and Taste): Eye Irritation; Behavioral: Tremor; Cytotoxic: Hemolysis; Changes in Body temperature decrease.	
Skin corrosion/irritation No data available	
Serious eye damage/eye irritation No data available	
Respiratory or skin sensitization No data available	
Germ cell mutagenicity No data available	
Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity No data available	
Specific target organ toxicity - single exposure No data available	
Specific target organ toxicity - repeated exposure No data available	
Aspiration hazard No data available	
Additional Information RTCS: Not available	

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, alcohol resistant, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture None. No special hazards arising from the combustion of this material.	
Nature of decomposition products not known.	
Advice for firefighters Wear self-contained breathing apparatus and protective clothing if necessary.	
Further information No data available.	

Section 6: Accidental Release Measures	
Personal protection: protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions Do not let products enter drains.	
Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities Store in a cool, dry place. Keep away from heat, food, drink, and animal feeding stuffs. Keep container tightly closed in a dry and well ventilated place.	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values.	
Exposure controls Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Good ventilation should be sufficient.	

Polymer Sample Kit, Catalog# 205		Page 314
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.		

Section 12: Ecological Information	
Toxicity No data available	
Persistence and degradability No data available	
Bioaccumulative potential No data available	
Mobility in soil No data available	
Results of PBT and POP assessment PBT/POP assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.	
Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods	
IMDG Not dangerous goods	
IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.	
SARA 314 (P313) Hazards No SARA Hazards	
Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.	

Personal protective equipment

Eye/face protection

Wear safety glasses with side shields or goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching exterior of gloves or gloves themselves). Remove gloves immediately if they show signs of wear or damage. Wash hands thoroughly and often with soap and water. Wash and dry hands.

Respiratory protection
The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-stage filters. As soon as the respirator has been tested and approved under appropriate government standards such as NIOSH (US) or EN 12183(EU), use the respirator in the safe means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drains

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: White solid
b) Odor	Negligible
c) Color	No data available
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Evaporation rate	No data available
g) Flammability (solid, gas)	No data available
h) Explosive limits	No data available
i) Vapor pressure	No data available
j) Relative density	No data available
k) Water solubility	Negligible
l) Auto-ignition temperature	No data available
m) Decomposition temperature	No data available
n) Explosive properties	No data available
o) Oxidizing properties	No data available
Other safety information No data available	

Section 10: Stability and Reactivity	
Reactivity No data available	
Chemical stability Stable under recommended storage conditions.	
Possibility of hazardous reactions No data available	

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Pennsylvania Right To Know Components Polypropylene, atactic		CAS-No. 9003-07-0
New Jersey Right To Know Components Polypropylene, atactic		CAS-No. 9003-07-0
California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.		

Section 16: Other information	
HMIS Rating	0
Health Hazard	0
Flammability	0
Reactivity	0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	

Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Polystyrene sulfonate, sodium salt	Molecular Formula: (C ₈ H ₆ SO ₃)NaH
Catalog Number(s):	574, 576	
Company:	Scientific Polymer Products, Inc. 6165 Dean Parkway Ontario, NY 14519	
Telephone:	585/265-0413	
Fax:	585/265-1390	
Website:	www.scpoly.com	
Emergency Phone Number:	800-251-3924 (CHEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture	
GHS Classification is as follows: Skin 2H (301) (D504 HCS) Acute toxicity, Irritation, Category 4, H332	
GHS Label elements, including precautionary statements	
Pictogram	
Signal word	Warning
Hazard statement(s)	Harmful if inhaled.
Precautionary statement(s)	Get medical help if you feel sick/vomits/ spray. P273 Avoid release to the environment. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call or POISON CENTER or doctor/physician if you feel unwell.
Hazard is not otherwise classified (H302 or not covered by GHS – none) To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Polystyrene sulfonate, sodium salt	9000-79-9	100

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- q) Decomposition temperature No data available
r) Viscosity No data available
s) Flammability No data available
t) Odorous properties No data available
- Other safety information
No data available

Section 10: Stability and Reactivity	
Reactivity	
Chemical stability	
Stable under recommended storage conditions.	
Possibility of hazardous reactions	
No data available	
Conditions to avoid	
No data available	
Incompatible materials	
Strong oxidizing agents	
Hazardous decomposition products	
Other decomposition products - No data available	
In the event of fire: see section 5	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
LD50 Oral – rat - > 8,000 mg/kg	
LC50 Inhalation – rat – 4 h – 3,600 mg/m ³	
Remarks: Lungs, Thorax or Respiration: Respiratory obstruction	
Dermal: No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Genetic mutagenicity	
No data available	
Carcinogenicity	
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	

Section 4: First Aid Measures	
Description of first aid measures	
General advice	
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.	
If inhaled	
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.	
In case of skin contact	
Wash off with soap and plenty of water. Consult a physician.	
In case of eye contact	
Flush eyes with water as a precaution.	
If swallowed	
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician	
Most important symptoms and effects, both acute and delayed	
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11	
Indication of any immediate medical attention and special treatment needed	
No data available	

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon oxides, Sulphur oxides, sodium oxides	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.	
Environmental precautions	
Do not let product enter drains.	
Methods and materials for containment and cleaning up	
Collect and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling	
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.	

Section 12: Ecological Information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and VPB assessment	
PBT/VPB assessment not available as chemical safety assessment not required/ not conducted	
Other adverse effects	
No data available	

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional Information	No data available
RTCS: Not available	

Section 13: Disposal Considerations	
Waste treatment method	
Product	
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 8: Exposure Controls/Personal Protection	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place.	
Specific end use(s)	
Laboratory chemicals, Manufacture of substances	

Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
Handle in accordance with good industrial hygiene and safety practice. Wash hands before break and at the end of workday.	
Personal protective equipment	
Eye/face protection	
Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).	
Skin protection	
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves) before disposal. Do not reuse gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.	
Body Protection	
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.	
Respiratory protection	
Not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).	
Control of environmental exposure	
Do not let product enter drains.	

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	Odorless
c) Color/Threshold	No data available
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Evaporation rate	No data available
g) Flammability (solid, gas)	No data available
h) Flammability (liquids) or explosive limits	No data available
i) Vapor pressure	No data available
j) Relative density	Soluble
k) Water solubility	No data available
l) Auto-ignition temperature	No data available

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313. (Do Minimize) reporting events established by SARA Title III, Section 313.	
SARA 314 D13 Hazards	
Acute Health Hazard	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
Polystyrene sulfonate, sodium salt	CAS-No. 9000-79-9
New Jersey Right To Know Components	
Polystyrene sulfonate, sodium salt	CAS-No. 9000-79-9
California Prop. 65 Components	
No chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information	
HAZUS Rating	HAZUS Rating
Health: 1	Health: 1
Flammability: 0	Flammability: 0
Reactivity: 0	Reactivity: 0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The user must read and understand the label and all associated information, including but not limited to the safety data sheet, warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	

Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Polysulfone	Molecular Formula: (C ₇ H ₅ O ₅),
Catalog Number(s):	046, 046C	
Company:	Scientific Polymer Products, Inc. Ontario, NY 14517	
Telephone:	585/765-0413	
Fax:	585/765-1390	
Website:	www.scpoly.com	
Emergency Phone Number:	800-253-5924 (CHEN TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture.	
GHS label elements, including precautionary statements Not a hazardous substance or mixture.	
Hazard not otherwise classified (HMOC) or not covered by GHS – none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Polysulfone	25135-51-7	100

Section 4: First Aid Measures

Description of first aid measures	
If inhaled	
If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact	
Wash with soap and water.	
In case of eye contact	
Flush eyes with water as a precaution.	
If swallowed	
Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Incompatible materials
Strong oxidizing agents.
Hazardous decomposition products
No data available
In the event of fire see Section 5

Section 11: Toxicological Information

Information on toxicological effects	
Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	
MARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by MARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional information	RTCS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information

Toxicity
No data available

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures

Suitable extinguishing media
Use water spray, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture
Carbon oxides, sulfur oxides
Advice for firefighters
Wear self-contained breathing apparatus and protective clothing for firefighting if necessary.
Further information
No further data available.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
For personal protection see section 8.
Environmental precautions
Do not let products enter drains.
Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.
Reference to other sections
For disposal see section 13.

Section 7: Handling and Storage

Precautions for safe handling
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 7.
Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well ventilated place.
Specific end uses(s)
Laboratory chemicals, Synthesis of substances.

Section 8: Exposure Controls/Personal Protection

Control parameters
Components with workplace control parameters
Contains no substances with occupational exposure limit values.
Exposure controls
Appropriate engineering controls.
Handle in accordance with good industrial hygiene and safety practice.
Personal protective equipment

Persistence and degradability
No data available
Bioaccumulative potential
No data available
Mobility in soil
No data available
Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects
No data available

Section 13: Disposal Considerations

Waste treatment methods
Product
Offer surplus to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging
Dispose of as unused Product.

Section 14: Transport Information

DOT (US)
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

Section 15: Regulatory Information

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components
This material does not contain any chemical components with Known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards
No SARA Hazards
Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right To Know Components
CAS-No: 25135-51-7
Polysulfone
New Jersey Right To Know Components
CAS-No: 25135-51-7
Poly sulfone
California Prop. 65 Components
This material does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Eye/Face protection
Wear eye protection to avoid eye contact with this product. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with Gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 respirator protection. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 respirator protection. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Control of environmental exposure
Do not let product enter drains

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties	
a) Appearance	White Pellets
b) Odor	Odorless
c) Odor Threshold	No data available
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Flash point	No data available
g) Auto-ignition temperature	No data available
h) Upper/lower flammability or explosibility limits (%)	No data available
i) Vapor pressure	No data available
j) Relative density	No data available
k) Water solubility	Insoluble
l) Partition coefficient n-octanol/water	No data available
m) Decomposition temperature	No data available
n) Explosive properties	No data available
o) Other safety information	No data available

Section 10: Stability and Reactivity

Reactivity
No data available
Chemical stability
Stable under recommended storage conditions.
Possibility of hazardous reactions
No data available.
Conditions to avoid
Heat, sunlight.

Section 16: Other Information

HMIS Rating	0	WHA Rating
Health:	0	Health:
Flammability:	0	Flammability:
Reactivity:	0	Reactivity:

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The manufacturer does not warrant the safety of this material for uses other than those for which it is intended. No warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Scientific Polymer Products, Inc.

Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Poly(vinyl alcohol), copolymer	Molecular Formula: (C ₄ H ₆ O ₂ •C ₂ H ₄ O) _n
Catalog Number(s):	322, 333, 334, 335, 336, 351	
Company:	Scientific Polymer® Products, Inc. 6265 Dean Parkway Ontario, NY 14519	
Telephone:	585/265-0413	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3974 (C-EM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture	
GHS Classification in accordance with 29 CFR 1310.1200 (OSHA HCS)	
Combustible dust	
GHS Label elements, including precautionary statements	
Pictogram	None needed according to classification criteria
Signal word	Warning
Hazard statements	May form combustible dust concentrations in air
Precautionary statement(s)	None
Hazards not otherwise classified (HNOC) or not covered by GHS	
Combustible dust	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
POLY(vinyl alcohol), copolymer	2513-34-5	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled: # Breathed in, move person into fresh air. If not breathing, give artificial respiration.	

a) Melting point/freezing point	No data available
b) Boiling point and boiling range	No data available
c) Flash point	No data available
d) Evaporation rate	No data available
e) Volatility (solid, gas)	No data available
f) Upper/lower flammability or explosive limits	No data available
g) Vapor density	No data available
h) Relative density	No data available
i) Partition coefficient: n-octanol/water	No data available
j) Auto-ignition temperature	No data available
k) Decomposition temperature	No data available
l) Viscosity	No data available
m) Explosive properties	No data available
n) Oxidizing properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity	
Reactivity	
No hazard expected.	
Chemical stability	
Stable under recommended storage conditions.	
Possibility of hazardous reactions	
Hazardous polymerization will not occur	
Conditions to avoid	
Avoid generating dust.	
Incompatible materials	
Reactive metals, oxidizing agents, peroxides, perchlorates, nitrates.	
Hazardous decomposition products	
In the event of fire: see section 5	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
LD50 (rat) 200 mg/kg	
LC50 (rat) >2mg/L, 1 hour	
Oral LD50 (rat) 200mg/kg	
Inhalation LC50 (rat) 1.50ppm Br	
Immediate effects	
No information on significant adverse effects	
Delayed effects	
No information on significant adverse effects	
Irritation/corrosivity data	
May cause mechanical irritation	
Dermal sensitization	
No data available	

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In case of skin contact
Wash off with soap and plenty of water. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse.

In case of eye contact
Rinse cautiously with water for several minutes; remove contacts if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

If swallowed
If a large amount is swallowed, get medical attention.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are summarized in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed
Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use any dry powder, foam, regular dry chemical or carbon dioxide.	
Unsuitable extinguishing media	
Do not use water spray or high pressure water streams	
Special hazards arising from the substance or mixture	
Combustible Dust. Dust/air mixtures may ignite or explode. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.	
Hazardous combustion products	
Oxides of carbon	
Advice for firefighters	
Wear full protective firefighting gear including self-contained breathing apparatus for protection against possible exposure.	
Firefighting measures	
Use extinguishing agents appropriate for surrounding fire. Do not use water spray. Use upwind and keep out of low areas	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid contact with skin and eyes. Avoid breathing vapors, mist or gas. Keep unnecessary material and containers well sealed. Wear appropriate protective clothing. Avoid contact with skin and eyes. Avoid breathing vapors, mist or gas. Keep unnecessary material and containers well sealed. Wear appropriate protective clothing.	
Environmental precautions	
Avoid generation of dust. Remove all sources of ignition. Ventilate affected area. Discharge into the environment must be avoided	
Methods and materials for containment and cleaning up	
Avoid generation of dust. Sweep up and shovel. Collect spilled material in appropriate container for disposal. Dispose of contents/container in accordance with local/regional/national/international regulations	

Reactivity	No data available
Stability	No data available
Chemical stability	No data available
Stability under recommended storage conditions	No data available
Possibility of hazardous reactions	No data available
Hazardous polymerization	No data available
Conditions to avoid	No data available
Incompatible materials	No data available
Reactive metals, oxidizing agents, peroxides, perchlorates, nitrates.	No data available
Hazardous decomposition products	No data available
In the event of fire: see section 5	No data available

Section 12: Ecological Information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and vPvB assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Dispose of contents/container in accordance with local/regional/national/international regulations. Product is not EPA hazardous waste	
Containerized packaging	
Dispose of as unused product	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	

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Section 7: Handling and Storage	
Precautions for safe handling	
Use methods to minimize dust. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing. Avoid dust formation by using appropriate handling techniques. Avoid breathing dust. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Store in a closed container in a dry and cool area. Keep away from heat and sources of ignition. Keep away from food, drink, and animal feeding stuffs. Keep container tightly closed in a dry and well ventilated place.	
Incompatible Materials	
Reactive metals, oxidizing agents, peroxides, perchlorates, nitrates	
Specific end use(s)	
Laboratory chemicals, manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
General industrial hygiene practices.	
Personal protective equipment	
Eye/face protection	
(US) or EN 166(EU).	
Skin protection	
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practice. Wash and dry hands.	
Body protection	
The specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.	
Respiratory protection	
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type H95 respirator with appropriate filter. Respiratory protection must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Components with workplace control parameters must be selected according to the concentration and amount of the dangerous substance at the specific workplace.	
Control of environmental exposure	
No special environmental precautions required.	

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Granular or powder
b) Odor	Odorless
c) Color	Color: White
d) pH	No data available

Polymer Sample Kit, Catalog# 205

Section 15: Regulatory Information	
MTA	
Not dangerous goods	

SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (30 lbs./year) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	
No SARA Hazards	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
Poly(vinyl alcohol), copolymer	CAS-No.: 2513-34-5
New Jersey Right To Know Components	CAS-No.: 2513-34-5
California Prop. 65 Components	
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information	
HMIS Rating	
Health: 0	
Physical: 0	
Reactivity: 0	
NFPA Rating	
Health: 0	
Physical: 0	
Reactivity: 0	

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Poly(vinyl alcohol), homopolymer
Catalog Number(s):	002, 352, 361, 362, 363
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Orlando, FL 32819
Telephone:	583/265-0413
Fax:	583/265-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-253-3924 (CHRM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture	
GHS Classification in accordance with 28 CFR 1910.1200 (OSHA HCS)	
Combustible dust	
GHS Label Elements, including precautionary statements	
Pictogram	None needed according to classification criteria
Hazard statement(s)	May form combustible dust concentrations in air.
Precautionary statement(s)	None
Hazards not otherwise classified (HNOC) or not covered by GHS	
Combustible dust	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Poly(vinyl alcohol), homopolymer	9002-89-5	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled	
If inhaled in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact	

- a) Melting point/freezing point
b) Flash point
c) Boiling point
d) Vapor pressure
e) Flammability (solid, gas)
f) Upper/lower flammability or explosive limits
g) Vapor density
h) Vapor density (air = 1)
i) Solubility
j) Water solubility
k) Partition coefficient: n-octanol/water
l) Auto-ignition temperature
m) Decomposition temperature
n) Viscosity
o) Explosive properties
p) Oxidizing properties
q) Other safety information
No data available
- a) No data available
b) No data available
c) No data available
d) No data available
e) May form combustible dust concentrations in the air
f) No data available
g) No data available
h) No data available
i) No data available
j) No data available
k) No data available
l) No data available
m) Soluble in hot water
n) No data available
o) No data available
p) No data available
q) No data available
r) No data available
s) No data available

Section 10: Stability and Reactivity	
Reactivity	
No hazard expected.	
Chemical stability	
Stable under recommended storage conditions.	
Possibility of hazardous reactions	
Possibility of polymerization will not occur	
Conditions to avoid	
Avoid generating dust.	
Incompatible materials	
Reduced toxicity, oxidizing agents, peroxides, perchlorates, nitrates.	
Hazardous decomposition products	
In the event of fire: see section 5	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
LD50 Rat > 5,000 mg/kg	
LC50 Rat > 24mg/L, 1 hour	
Oral LD50 Guinea Pig > 2,000 mg/kg	
Oral LD50 Guinea Pig > 2,000 mg/kg	
No information on significant adverse effects	
No information on significant adverse effects	
No information on significant adverse effects	
Irritation/corrosivity data	
Mucous membrane irritation	
No data available	

Wash off with soap and plenty of water. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse.

In case of eye contact
Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

If swallowed
If a large amount is swallowed, get medical attention.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting Measures	
Soluble self-extinguishing media	
Use water spray, alcohol-resistant foam, regular dry chemical or carbon dioxide.	
Unsuitable self-extinguishing media	
Do not scatter spilled material with high pressured water streams	
Special hazards arising from the substance or mixture	
Combustible Dust. Dust/air mixtures may ignite or explode. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.	
Hazardous combustion products	
Oxides of carbon	

Advice for firefighters
Wear full protective firefighting gear including self-contained breathing apparatus for protection against possible exposure.

Firefighting measures
Extinguishers: Use dry chemical or combination fire products. Move material from fire area if it can be done without risk. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out of low areas

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid contact with skin and eyes. Avoid breathing vapors, mist or gas. Keep unnecessary material and containers closed. Isolate hazard area and deny entry. The mixture is slippery when wet. For personal protection see section 8.	
Environmental precautions	
Avoid generation of dust. Remove all sources of ignition. Ventilate a affected area. Discharge into the environment must be avoided	
Methods and materials for containment and cleaning up	
Avoid generation of dust. Sweep up and shovel. Collect spilled material in appropriate container for disposal. Dispose of contents/container in accordance with local/regional/national/international regulations	

Self-use eye damage/eye irritation

Respiratory sensitization

Genetic toxicity

Artificially induced mutagenicity

Artificially induced mutagenicity

Artificially induced mutagenicity

Artificially induced mutagenicity

Artificially induced mutagenicity

Artificially induced mutagenicity

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Artificially induced mutagenicity

Artificially induced mutagenicity

Artificially induced mutagenicity

Artificially induced mutagenicity

Section 7: Handling and Storage

Precautions for safe handling
Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. Keep container tightly closed. Do not breathe dust. Avoid generating dust. Avoid contact with skin and eyes. Avoid contact with dusts that do not accumulate on surfaces. For precautions see section 2.

Conditions for safe storage, including any incompatibilities
Store in a closed container in a dry and cool area. Keep away from heat and sources of ignition. Keep away from food, drink, and animal feeding stuffs. Keep container tightly closed in a dry and well ventilated place.

Incompatible Materials
Reactive metals, oxidizing agents, peroxides, perchlorates, nitrates
Specific end use(s)
Laboratory chemicals, manufacture of substances

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
General industrial hygiene practices	

Personal protective equipment
Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 1836(EU).

Skin protection
glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the type of work to be performed. Protective clothing should be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type NBS (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or EN 1836(EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Granular or powder
b) Color	Colorless
c) Odor	No data available
d) pH	No data available

MTA

Not dangerous goods

Section 15: Regulatory Information

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material contains the following chemicals which are listed on the SARA 313 list: Poly(vinyl alcohol), homopolymer. Minimal reporting level established by SARA Title III, Section 313.

MSDS 311, 313 Hazards
No SARA Hazards

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components
Poly(vinyl alcohol), homopolymer

Pennsylvania Right To Know Components
New Jersey Right To Know Components

Pennsylvania Right To Know Components
California Prop. 65 Components

Pennsylvania Right To Know Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information	
HMIS Rating	0
Health	0
Flammability	0
Reactivity	0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Poly(vinyl butyral)
Catalog Number(s):	043, 043C, 507, 508, 509, 510, 511, 512
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Union, NY 15519
Telephone:	585/285-0413
Fax:	585/285-0390
Website:	www.scipoly.com
Emergency Phone Number:	800-255-3924 (C-REM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture	
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	
Combustible dust	
GHS Label elements, including precautionary statements	
Pictogram:	None
Signal word:	Warning
Hazard statements(s):	May form combustible dust concentrations in air
Precautionary statement(s):	None
Hazard not otherwise classified (HNOC) or not covered by GHS	
Combustible dust	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Poly(Vinyl butyral)	27360-07-2	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact	

No data available
Chemical stability
Stable under recommended storage conditions.
Potential for hazardous reactions
No data available
Conditions to avoid
No data available
Incompatible materials
Strong oxidizing agents
Hazardous decomposition products
Other decomposition products - No data available
In the event of fire, see section 3

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	No data available
Inhalation:	No data available
Dermal:	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available

Carcinogenicity	No data available
AMC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by AARC.
ACSH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACSH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available

Wash off with soap and plenty of water.
In case of eye contact
Flush eyes with water as a precaution.
If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.
Most important symptoms and effects, both acute and delayed
The most important, known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon oxides	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions	
Do not let product enter drains.	
Methods and materials for containment and cleaning up	
Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling	
Avoid dust formation in places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place.	
Specific end use(s)	
Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	

Additional information
RECS: Not available
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information	
Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and POP assessment	
PBT/vPvB assessment not available at chemical safety assessment not required/not conducted	
Other adverse effects	No data available

Section 13: Disposal Considerations	
Waste treatment methods	
Product:	
Offer for plus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as waste product.	

Section 14: Transport Information	
DOT (US)	No data available
Not dangerous goods	
IMDG	No data available
Not dangerous goods	
ICAO	No data available
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components:	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components:	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
No SARA Hazards	
Massachusetts Right To Know Components:	
No components are subject to the Massachusetts Right to Know Act.	

Appropriate engineering controls
General industrial hygiene practice
Personal protective equipment
Eye/face protection
Wear eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 respirator that is approved by applicable government standards such as NIOSH (US) or EN 149.

Control of environmental exposure
Do not let product enter drains.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	White powder
b) Odor	No data available
c) Odor threshold	No data available
d) pH	No data available
e) Initial boiling point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Flash point (closed cup)	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Relative density	No data available
m) Density	No data available
n) Partition coefficient: n-octanol/water	No data available
o) Auto-ignition temperature	No data available
p) Flash point (closed cup)	No data available
q) Viscosity	No data available
r) Explosive properties	No data available
s) Oxidizing properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity	
Reactivity	
Polymer Sample Kit, Catalog# 205	

Pennsylvania Right to Know Components	CAS-No.
Poly(vinyl butyral)	27360-07-2
New Jersey Right to Know Components	CAS-No.
Poly(vinyl butyral)	27360-07-2
California Prop. 65 Components	
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information	
HMS Rating	0
Flammability	0
Reactivity	0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Poly(vinyl chloride)	Molecular Formula: (CH ₂ Cl) _n
Catalog Number(s):	038, 038C, 038S, 355, 696, 697, 698, 1039	
Company:	Scientific Polymer Products, Inc. 6205 Dean Parkway Ontario, NY 14519	
Telephone:	585/785-0413	
Fax:	585/785-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture	
GHS Classification is accordance with 29 CFR 1910 (OSHA HCS)	
Skin Irritation, Category 2, H315	
Eye Irritation, Category 2A, H319	
Specific target organ toxicity-single exposure, Category 3, Respiratory system, H335	
GHS Label elements, including precautionary statements	
Pictogram	
Signal word	Warning
Hazard statement(s)	Causes skin irritation. Causes eye irritation. May cause respiratory irritation.
Precautionary statement(s)	P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash skin thoroughly after handling. P273 Do not release into the environment. P280 Wear protective gloves/ eye protection/ face protection. P302+P352 If ON SKIN: Wash with plenty of soap and water. P304+P340 If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if P305+P351+P338 If you feel irritation, call a POISON CENTER or doctor/physician if you feel unwell. P312 If skin irritation occurs: Get medical advice/attention. P332+P313 If eye irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P403+P233 Store in a well ventilated place. Keep container tightly closed. P505 Store locked up.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
Appearance	Form: Powder
Odor	Slightly characteristic
Color	No data available
Odor Threshold	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Flammability (liquids)	No data available
Explosive limits	No data available
Vapor pressure	No data available
Relative density	No data available
Water solubility	Insoluble
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity	
No data available	
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Condition to avoid	No data available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Other decomposition products- No data available
Other decomposition products- No data available	In the event of fire, see Section 5

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	Oral: No data available
Dermal: No data available	

P501 Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC) or not covered by GHS- None

To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures for the prevention of potential adverse exposure.

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Poly(vinyl chloride)	9002-86-2	100

Section 4: First Aid Measures	
Description of first aid measures	
General advice	
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area	
If inhaled	
If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if breathing becomes difficult.	
In case of skin contact	
Wash with soap and plenty of water. If irritation persists, consult a physician.	
In case of eye contact	
Rinse with plenty of water for at least 15 minutes. Separate eyelids with fingers. If irritation persists, consult a physician.	
If swallowed	
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.	
Most important symptoms and effects, both acute and delayed	
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11	
Indication of any immediate medical attention and special treatment needed	
No data available	

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon oxides, hydrogen chloride gas	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Avoid breathing dust. Ensure adequate ventilation. Keep unprotected persons away. For personal protection see section 8.	

Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	Carcinogenicity-Iso-Oral Tumorigenic: Equivocal tumorigenic agent by RTECS criteria: Lungs, Thorax or Respiration: Tumors. Skin and appendages: Other: Tumors.
Carcinogenicity-Iso-Implant	Carcinogenicity-Iso-Implant Tumorigenic: Equivocal tumorigenic agent by RTECS criteria: Tumors at site of application.
AMC: 3-Group 3: Not classifiable as to its carcinogenicity to human (Ethere, chloro-homopolymer)	This product is or contains a component that is not classifiable as to its carcinogenicity based on the IARC, ACGIH, NTP or EPA classification.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	No data available
Specific target organ toxicity- single exposure (STOT)	Specific target organ toxicity- single exposure (STOT) Irritation-May cause respiratory irritation.
Specific target organ toxicity- repeated exposure (STSE)	Specific target organ toxicity- repeated exposure (STSE) No data available
Aspiration hazard	No data available
Additional information	RTECS: K0055000
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	

Section 12: Ecological Information	
Toxicity	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and vPvB assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Reference to other sections

For disposal see section 13.

Section 7: Handling and Storage	
Precautions for safe handling	
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place. Keep in a dry place.	
Specific end use(s)	
Laboratory chemicals. Synthesis of substances	

Section 8: Exposure Controls/Personal Protection			
Control parameters			
Components with workplace control parameters			
Component	CAS-No.	Value	Control parameters
Ethere, chloro-homopolymer	9002-86-2	1 mg/m ³	USA: ACGIH Threshold Limit Values (TLV)
Remarks			
Lower respiratory tract irritation			
Pulmonary function changes			
Not classifiable as a human carcinogen			

Exposure controls

Appropriate engineering controls

Wash hands before breaks and at the end of workday

Personal protective equipment

Eye/face protection

Wear glasses with side-shield, or forming to G165. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 186(EN).

Hand protection

Wear gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and form of the dangerous substance at the specific workplace.

Respiratory protection

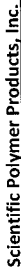
Use type P95(US) or type P100 (EN 143) particle respirator. For higher level protection use type OV/Ag/P99 or type ABEK-P2 (EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Section 13: Disposal Considerations	
Other adverse effects	
No data available	
Waste treatment methods	
Product	
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.	
Minimal reporting level established by SARA Title III, Section 313	
SARA 314 Hazard	
Acute Health Hazard	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
Poly(vinyl chloride)	
CAS-No. 9002-86-2	
New Jersey Right To Know Components	
Poly(vinyl chloride)	
CAS-No. 9002-86-2	
California Prop. 65 Components	
No chemicals in this material are known to be State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information			
HMPS Rating	2	NFPA Rating	2
Flammability	0	Health	0
Reactivity	0	Flammability	0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information herein represents the most current data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.			



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Poly(vinyl chloride, carboxylated)
Catalog Number(s):	353
Company:	Scientific Polymer Products, Inc. Scientific Polymer Products, Inc. Ontario, NY 14515
Telephone:	585/785-0413
Fax:	585/786-1390
Website:	www.sppoly.com
Emergency Phone Number:	800-255-3924 (CHEM TEL)
Molecular Formula:	(C ₂ H ₃ O ₂ Cl) _n

Section 2: Hazards Identification	
Classification of the substance or mixture	
Not a hazardous substance or mixture	
GHS Label elements, including precautionary statements	
Not a hazardous substance or mixture	
Hazards not otherwise classified (HNOC) or not covered by GHS – none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated.	

Ingredient	CAS Number	Concentration (%)
Polydimethyl chlorid. carboxylated	25702-80-1	100

Section 4: First Aid Measures	
Description of first aid measures	
General advice	
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.	
Inhalation	
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.	
In case of skin contact	
Wash off with soap and plenty of water. Consult a physician.	
In case of eye contact	
Wash out with plenty of water for at least 15 minutes and consult a physician.	

Section 10: Stability and Reactivity	
Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Hazardous decomposition products - No data available
Other decomposition products - No data available	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory irritation/sensitization	
No data available	
Gen. cell mutagenicity	
No data available	
Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential human carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or potential carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
No data available

Specific target organ toxicity - single exposure
Inhalation – May cause respiratory irritation

Specific target organ toxicity - repeated exposure
No data available

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.	
Personal protective equipment	
Eye/face protection	
Safety glasses with side shields conforming to EN 166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(UE).	
Skin protection	
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves) to avoid skin contact. Avoid skin contact. Avoid contact with eyes. Wash and dry hands.	

Body Protection
Impermeous clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Approved respirator types: P95 (EU EN 143) particle respirator for higher level protection use type P2 (EU EN 143) particle respirator for lower level protection use type P60/P90 or type ABKP-9 (EU EN 143) respirator canisters. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Control of discharge in spillage / Safe to go to. Do not let product enter drains. Discharge into the environment must be avoided.

Section 5: Physical and Chemical Properties	
Information on basic physical and chemical properties	
	Form: Powder
a) Appearance	Slightly characteristic
b) Odor	No data available
c) Odor Threshold	No data available
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Boiling point at reduced pressure	No data available
g) Evaporation rate	No data available
h) Flammability (solid, gas)	No data available
i) Flammability (liquid, solid) under standard conditions	No data available
j) Explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	1.390 g/cm3
m) Relative density	Insoluble
n) Water solubility	No data available
o) Partition coefficient (n-octanol/water)	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Oxidizing properties	No data available
s) Reducing properties	No data available
Other safety information	
	No data available

SARA 311/312 Hazards: Acute Health Hazard	
Massachusetts Right to Know Components No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right to Know Components	CAS-No. 25102-90-1
Poly(vinyl chloride), carboxylated	CAS-No. 25102-90-1
New Jersey Right to Know Components	CAS-No. 25102-90-1
Poly(vinyl chloride), carboxylated	
California Prop. 65 Components This chemical is not known to be a carcinogen, a reproductive toxin, or a reproductive harm.	

Section 1c: Other Information			
HMIS Rating		NFPA Rating	
Health:	0	Health:	0
Flammability:	0	Flammability:	0
Reactivity:	0	Reactivity:	0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data available at the time of preparation and was assigned on the basis of the information available at that time. It is not intended to be used for purposes other than those for which it was developed.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed
No data available

Section 57 Fire-Fighting Measures	
Extinguishing media	
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	Carbon oxides, Hydrogen chloride gas
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	No data available

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

For additional information, see section 8.

Environmental precautions
Prevent leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections

Section 7: Handling and Storage
Precautions for safe handling Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal precautions for preventive fire protection. For Precautions see section 2. Conditions for safe storage, including any incompatibilities Store in a tightly closed container in a dry well ventilated place. Keep away from heat and sources of ignition. Keep away from food, drink, and animal feeding stuffs. Specific use(s) Use(s): Manufacture of substances

Aspiration hazard
No data available

Additional Information
RTECS: Not available
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information	
Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	Results of PBT and vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	PS1/vPvB assessment not available as chemical safety assessment not required/not conducted Harmful to aquatic life with long lasting effects. May be harmful to the environment if released in the event of an unprofessional handling or disposal.

Section 13: Disposal Considerations
Waste treatment methods Product Available and non-expedient solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Comments Contaminated packaging Dispose of as unused product.

Section 14: Transport information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information

SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Poly(vinylidene fluoride)
Catalog Number(s):	102
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519
Telephone:	585/765-0413
Fax:	585/765-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-251-3924 (CHEM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture. GHS Label elements, including precautionary statements Not a hazardous substance or mixture. Hazard not otherwise classified (HNOG) or not covered by GHS - none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	
Section 3: Composition/Information on Ingredients	
Ingredient	CAS Number
Poly(vinylidene fluoride)	24937-79-9
	Concentration (%)
	100

Section 4: First Aid Measures	
Description of first aid measures If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. By eye of this contact: Wash eye with soap and plenty of water. By use of eye contact: Flush eye with water as a precaution. If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Conditions to avoid No data available Incompatible materials Strong oxidizing agents Hazardous decomposition products Other decomposition products - No data available In the event of fire, see Section 9
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Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation:	No data available
Dermal:	No data available
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	

Carcinogenicity
Data: No data available
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
No data available
Specific target organ toxicity - single exposure
No data available
Specific target organ toxicity - repeated exposure
No data available
Aspiration hazard
No data available
Additional information
RTECS: Not available

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indications of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon oxides, hydrogen fluoride Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available	

Section 6: Accidental Release Measures	
Personal protection, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapour, mist or gas. For personal protection see section 8. Environmental precautions Do not let product enter drains. Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal. References to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Specific end use(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practice. Personal protective equipment	

Section 12: Ecological Information	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS No. 24937-79-9 Poly(vinylidene fluoride)	

Eye/face protection
Wear eye protection based on approved under appropriate government standards such as NIOSH (US) or EN 166/EN 170.

Hand protection
Wear gloves with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable law and good laboratory practices. Wash and dry hands.

Body Protection
Protective clothing in addition to the type, to the concentration and amount of dangerous substance, and to the specific workplace. The type of protective equipment must be selected according to the concentration and the amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 particulate respirator that is approved under appropriate government standards and approved water appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drains.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odour	No data available
c) Colour	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Auto-ignition temperature	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Relative density	No data available
m) Water solubility	Negligible
n) Partition coefficient in oil/water	No data available
o) Auto-ignition temperature	> 315°C (>599°F)
p) Decomposition temperature	No data available
q) Explosive properties	No data available
r) Oxidizing properties	No data available
s) Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Possibility of hazardous reactions No data available	

New Jersey Right To Know Components	
Poly(vinylidene fluoride)	CAS No. 24937-79-9
California Prop. 65 Components	
This material does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other information	
HMIS Rating	0
Health: Reactivity:	0
Flammability:	0
0	0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The user assumes all liability for any injury or damage resulting from use of this material. No warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Poly(4-vinylpyridine), linear	Molecular Formula: (C ₆ H ₈ N)
Catalog Number(s):	700, 840	
Company:	Scientific Polymer Products, Inc. 15000 Midway Road Ontario, NY 14518	
Telephone:	585/265-0413	
Fax:	585/265-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-253-3924 (CHEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture	
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	
Skin irritation, Category 2, H315	
Sensitization, Category 1, H335	
Specific target organ toxicity-single exposure, Category 3, Respiratory system, H335	
GHS Label elements, including precautionary statements	
Pictogram	
Signal word	Warning
Hazard statement(s)	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.
Hazard codes	H315 H335
Precautionary statement(s)	Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly with plenty of water for at least 15 minutes and consult a physician. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection/face protection. If you feel unwell, seek medical advice immediately.
P201 + P202	Read the label carefully before use and keep away from children.
P271	Do not breathe dust/fume/gas/mist/vapors/spray.
P273	Do not release into the environment.
P280	Wear protective gloves/eye protection/face protection.
P281	Wear eye protection.
P302 + P352	IF ON SKIN: Wash with plenty of water for at least 15 minutes and consult a physician.
P303 + P361 + P353	IF ON CLOTHING: Remove clothing immediately. Wash thoroughly with plenty of water for at least 15 minutes and consult a physician.
P304 + P340	IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a Poison Center or doctor/physician if you feel unwell.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	If skin irritation occurs, Get medical advice/attention.
P312	Call a Poison Center or doctor/physician if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container in an approved waste disposal plant.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	Odorless
c) Color	No data available
d) Melting point	No data available
e) Boiling point	No data available
f) Evaporation rate	No data available
g) Volatility	No data available
h) Flammability (solid, gas)	No data available
i) Flammability (liquid)	No data available
j) Explosive limits	No data available
k) Vapor pressure	No data available
l) Relative density	No data available
m) Water solubility	Insoluble
n) Auto-ignition temperature	No data available
o) Decomposition temperature	No data available
p) Explosive properties	No data available
q) Oxidizing properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity	
Reactivity	
No data available	
Chemical stability	
Stable under recommended storage conditions.	
Possibility of hazardous reactions	
No data available	
Conditions to avoid	
No data available	
Incompatible materials	
Strong oxidizing agents	
Hazardous decomposition products	
On fire, decomposition products: No data available	
In the event of fire, see section 5	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation: No data available	
Dermal: No data available	
Skin sensibility/irritation	
No data available	

Hazards not otherwise classified (HNOC) or not covered by GHS – none

To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Poly(4-vinylpyridine), linear	25332-41-1	100

Section 4: First Aid Measures	
Description of first aid measures	
General advice	
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area immediately.	
If inhaled	
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician immediately.	
In case of skin contact	
Wash off with soap and plenty of water. Consult a physician.	
In case of eye contact	
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.	
If swallowed	
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician immediately.	
Most important symptoms and effects, both acute and delayed	
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.	
Indication of any immediate medical attention and special treatment needed	
No data available	

Section 5: Fire-Fighting Measures	
Extinguishing media	
Suitable extinguishing media	
Use dry-chemical, carbon dioxide, foam, dry chemical or carbon dioxide.	
Special considerations arising from the substance or mixture	
Consult MSDS for fire-fighting procedures.	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal protection, protective equipment and emergency procedures	
Use of protective equipment should not be necessary. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area. Avoid breathing dust.	
For personal protection see section 8.	

Section 7: Disposal Considerations	
Waste treatment methods	
Product	
Offer bulk and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.	
Contaminated packaging	
Dispose of as waste product.	

Section 14: Transport information	
DOT (US)	
No dangerous goods	
ADR (EU)	
No dangerous goods	
IMDG (IATA)	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 311/312 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	
Acute Health Hazard	
Massachusetts Right to Know Components	
No components are subject to the Massachusetts Right to Know Act	
Pennsylvania Right to Know Components	
Poly(4-vinylpyridine)	CAS-No.: 25332-41-1
New Jersey Right to Know Components	
Poly(4-vinylpyridine)	CAS-No.: 25332-41-1
California Prop. 65 Components	
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 12: Ecological Information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and POP assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Environmental precautions

Do not let product enter drains

Methods and materials for containment and cleaning up

Use appropriate disposal and precautions to prevent or minimize exposure.

Dispose of in an approved waste disposal plant.

Reference to other sections

For disposal see section 13.

Section 7: Handling and Storage	
Precautions for safe handling	
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into account when handling this material. Provide appropriate exhaust ventilation at places where dust is formed.	
For precautions see section 2	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place.	
Storage class (H302+H332): Non Combustible Solids	
Specific end use(s)	
Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.	
Personal protective equipment	
Eye/face protection	
Safety glasses with side shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 180(CE).	
Skin protection	
Protective clothing with long sleeves and trousers. Use appropriate personal protective equipment (PPE) for handling. Avoid contact with skin. Wash hands before breaks and at the end of workday. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.	
Body Protection	
Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.	
Respiratory protection	
For non-hazardous use: Type P95 (US) or P1 (EU) EN 143 particulate respirator. For higher level protection use P95/P100 (US) or P1/P100 (EU) EN 143 particulate respirator. For higher level protection use P95/P100 (US) or P1/P100 (EU) EN 143 particulate respirator. For higher level protection use P95/P100 (US) or P1/P100 (EU) EN 143 particulate respirator. For higher level protection use P95/P100 (US) or P1/P100 (EU) EN 143 particulate respirator.	
Control of environmental exposure	
Do not let product enter drains	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Offer bulk and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.	
Contaminated packaging	
Dispose of as waste product.	

Section 14: Transport information	
DOT (US)	
No dangerous goods	
ADR (EU)	
No dangerous goods	
IMDG (IATA)	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 311/312 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	
Acute Health Hazard	
Massachusetts Right to Know Components	
No components are subject to the Massachusetts Right to Know Act	
Pennsylvania Right to Know Components	
Poly(4-vinylpyridine)	CAS-No.: 25332-41-1
New Jersey Right to Know Components	
Poly(4-vinylpyridine)	CAS-No.: 25332-41-1
California Prop. 65 Components	
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information	
HMIS Rating	
Health: 2	
Physical: 0	
Reactivity: 0	
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Polyvinylpyrrolidone
Catalog Number(s):	137, 378, 658
Company:	Scientific Polymer Products, Inc. 6245 Midway Road Ontario, NY 14519
Telephone:	585/265-0413
Fax:	585/265-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-255-3924 (CHEM TEL)

Molecular Formula: (C₄H₅NO)

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture. GHS Label elements, including precautionary statements Not a hazardous substance or mixture. Hazard not otherwise classified (HNOC) or not covered by GHS – none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Ingredient	CAS Number	Concentration (%)
Polyvinylpyrrolidone	9003-39-8	100

Section 4: First Aid Measures	
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Description of first aid measures
If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact
Wash off with soap and plenty of water.
In case of eye contact
Flush eyes with water as a precaution.
If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

Polymer Sample Kit, Catalog# 205

Section 11: Toxicological Information	
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Information on toxicological effects
Acute toxicity
LD50 Oral – Rat – 100,000 mg/kg
Remarks: Garment
Inhalation: No data available
Dermal: No data available
Skin corrosion/irritation
Skin – Rabbit
Result: No skin irritation
Serious eye damage/eye irritation
Eyes – Rabbit
Result: No eye irritation
Respiratory or skin sensitization
Will not occur
Germ cell mutagenicity
No data available
Carcinogenicity
IARC: 3 – Group 3: Not classifiable as to its carcinogenicity to humans (Polyvinylpyrrolidone)
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity
No data available
Specific target organ toxicity - single exposure
No data available
Specific target organ toxicity - repeated exposure
No data available
Aspiration hazard
No data available
Additional information
ATCDS: TMS76000

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
No data available

Section 5: Fire-fighting Measures	
Substance extinguishable agent: Use dry-powder, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Combustion may produce toxic fumes (NOx) Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Prevent fire from spreading Keep fire isolated. Breathing apparatus for firefighting if necessary. Further information No data available	

Section 6: Accidental Release Measures	
Personal protective equipment and emergency procedures: Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8. Environmental precautions: Do not let product enter drains. Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal. References to other sections: For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. All precautions see section 2. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well-ventilated place. Storage (class (H352): Noncombustible Solids Hygroscopic. Keep in a dry place. Storage class (H352): Noncombustible Solids Specific end uses(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practice.	

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Section 12: Ecological Information	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemicals/elements with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 311. SARA 311/312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS-No. 9003-39-8 Polyvinylpyrrolidone	

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Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 186(C).

Skin protection
Clothing: Clothing must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the type of task. Clothing must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or EN 143.

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	Odorless
c) Odor Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Flammability (solid, gas)	No data available
i) Upper/lower flammability or explosion limits (solid, gas)	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Water solubility	No data available
n) Partition coefficient: n-octanol/water	Soluble
o) Auto-ignition temperature	No data available
p) Decomposition temperature	No data available
q) Viscosity	No data available
r) Explosive properties	No data available
s) Oxidizing properties	No data available
Other safety information No data available	

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Reactivity with hazardous reactions No data available	

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New Jersey Right To Know Components	
Polyvinylpyrrolidone	CAS-No. 9003-39-8
California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other information	
HMIS Rating	NTPA Rating
Health: 0	Health: 0
Physical: 0	Physical: 0
Reactivity: 0	Reactivity: 0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	

Polymer Sample Kit, Catalog# 205

Section 1: Identification	
PRODUCT AND COMPANY INFORMATION Product Name: Styrene/azynlonitrile copolymer Abbott Part Number(s): 494,495 Company: Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 13515 Telephone: 585/765-4413 Website: www.scpoly.com Emergency Phone Number: 800-255-3924 (CHEM TEL)	
Section 2: Hazard Identification	

Classification of the substance or mixture			
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)			
Acute toxicity, Oral, (Category 4, H302)			
GHS label elements, including precautionary statements			
Pictogram			
Signal word	Warning		
Hazard statement(s)	Harmful if swallowed.		
Precautionary statement(s)	Do not skin through after handling. Do not eat, drink or smoke when using this product. If SWALLOWED: Call a POISON CENTER or doctor/pharmacist if you feel unwell. Dispose of contents/container in an approved waste disposal plant.		
P301 + P312			
P302 + P352			
P501			
Hazards not otherwise classified (HNOC) or not covered by GHS – none			
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures when preparation is present or mixture exposure.			

Ingredient	CAS Number	Concentration (%)
Styrene/acrylonitrile copolymer	9003-54-7	100

q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available
Other safety information		
No data available		

Section 10: Stability and Reactivity	
Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Condition to avoid	No data available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Other decomposition products - No data available in the event of fire (see Section 5)

Information on toxicological effects	
Acute toxicity	
LD50 Oral—Rat: > 1,800 mg/kg	
Remarks: Liver: Other changes	
Inhalation—No data available	
Dermal: No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
AC1: 5-FluorU: Not classifiable as to its carcinogenicity to humans (Poly(styrene-co-acrylonitrile))	
AC10: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen in potential oral high-dose AC10.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or potential carcinogen by NTP.	
CSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by CSHA.	

Section 4: First Aid Measures	
Description of first aid measures	
General advice	
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.	
If inhaled	
If breathed in, move person into fresh. If not breathing, give artificial respiration. Consult a physician.	
In case of skin contact	
Wash off with soap and plenty of water. Consult a physician.	
In case of eye contact	
Flush eyes with water as a precaution.	
If swallowed	
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician	
Most important symptoms and effects, both acute and delayed	
The most important known symptoms and effects are described in the labelling (see section 7) and/or in section 11	
Indication of any immediate medical attention and special treatment needed	

Section 5: Fire-fighting Measures

Stable extinguishing media
Use water, foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture
Carbon oxides, nitrogen oxides.

Advice for firefighters
Wear self-contained breathing apparatus if necessary.

Further information

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.
Environmental precautions	Do not let product enter drains.
Methods and materials for containment and cleaning up	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Reference to other sections	

precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.

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Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional Information	REACH: A169/B000

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information	
Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and POP assessment	Results of PBT and POP assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	No data available

Section 13: Disposal Considerations

Waste treatment methods Product Offer surplus and non-reusable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Contaminated packaging Dispose of as unused product.	Section 14: Transport information
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Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
ATA	
Not dangerous goods	

Section 8: Exposure Controls/Personal Protection	
Conditions for safe storage, including any incompatibilities. Keep container tightly closed in a dry and well ventilated place. Specific end use(s) Laboratory chemicals, Manufacture of substances	Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Personal protective equipment Eye/face protection Safety glasses with side-shields conforming to EN166. Use equipment for eye protection listed and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection Protective gloves. Gloves must be inspected prior to use. Do not use any removal technique without touching glove's outer surface to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Body protection Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the expected duration of the anticipated exposure, as well as the predicted according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection Respiratory protection is not required. Use type N95 (US) or type P2 (EN 143) dust mask for non-hazardous dusts and components tested and approved under appropriate government standards such as NIOSH (US) or EN 143(EU). Control of hazardous substances Do not let product enter drains.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Color	Light
c) Odor	No data available
d) pH	No data available
e) Initial boiling point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Auto-ignition temperature	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosion limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Partition coefficient: n-octanol/water	No data available
o) Auto-ignition temperature	No data available
p) ...	No data available

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Section 15: Regulatory Information	SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 311 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (0a Minimis) reporting levels established by SARA Title III, Section 311. SARA 311/312 Hazards Acute Health Hazard Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS-No. 9003-54-7 Syrene/acrylonitrile copolymer New Jersey Right To Know Components Syrene/acrylonitrile copolymer California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
Section 16: Other Information	

HMIS Rating	NEPA Rating
Health: 1	Health: 1
Flammability: 0	Flammability: 0
Reactivity: 0	Reactivity: 0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification			
PRODUCT AND COMPANY INFORMATION			
Product Name:	Styrene/butadiene, ABA block copolymer		Molecular Formula: (C ₈ H ₈) _n
Catalog Number(s):	057, 451		
Company:	Scientific Polymer Products, Inc. 6245 Dean Parkway Ontario, NY 14519		
Telephone:	585/265-0413		
Fax:	585/265-1300		
Website:	www.scipoly.com		
Emergency Phone Number:	800-255-3924 (CHEM TEL)		

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture. GHS Label elements, including precautionary statements Not a hazardous substance or mixture. Hazard not otherwise classified (HNOG) or not covered by GHS - none To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient:	CAS Number	Concentration (%)
Styrene/butadiene, AB block copolymer	9003-55-8	100

Section 4: First Aid Measures	
Description of first aid measures If inhaled: If inhaled, in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact: Wash off with soap and plenty of water. In case of eye contact: Flush eyes with water. Flush eyes with water as a precaution. If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

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Section 11: Toxicological information	
Information on toxicological effects Acute toxicity No data available Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	

Section 12: Ecological information	
Conditions to avoid No data available Incompatible materials Strong oxidizing agents Hazardous decomposition products Other decomposition products - No data available In the event of fire, see section 5	

Section 13: Disposal Considerations	
Waste treatment methods Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No Subh. Hazard Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS No. 9003-55-8 Styrene/butadiene, AB block copolymer	

Most important symptoms and effects: Irritation to the skin.
The component and its derivatives are not known to be carcinogenic or mutagenic.
Indications of any immediate medical attention and special treatment needed
No data available.

Section 5: Fire-Fighting Measures	
Substance extinguishable with: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon oxides Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8. Environmental precautions Do not let product enter drains. Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal. References to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation in places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Specific end use(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practice.	

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Section 12: Ecological information	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment was required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No Subh. Hazard Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS No. 9003-55-8 Styrene/butadiene, AB block copolymer	

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Hands with gloves: Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves) before disposal. Do not reuse gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the type of activity. The type of protective equipment must be selected according to the concentration and amount of the dangerous substances at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let enter drains.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Solid
b) Color	Essentially odorless
c) Odor	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Boiling point	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Water solubility	Insoluble
o) Partition coefficient: n-octanol/water	No data available
p) Decomposition temperature	No data available
q) Viscosity	No data available
r) Oxidizing properties	No data available
s) Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Reactivity of hazardous reactions No data available	

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Section 16: Other information	
New Jersey Right To Know Components Styrene/butadiene, AB block copolymer CAS-No. 9003-55-8 California Prop. 65 Components This material does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

HAZUS Rating	0	NFPA Rating	0
Health:	0	Health:	0
Flammability:	0	Flammability:	0
Reactivity:	0	Reactivity:	0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The user must read and understand the entire Safety Data Sheet before using this material. No warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Styrene/butyl methacrylate copolymer	
Catalog Number(s):	955	
Company:	Scientific Polymer Products, Inc. 6365 Dean Parkway Onia's, NY 14519	
Telephone:	585/765-0413	
Fax:	585/765-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-253-3924 (CHEM TEL)	

Section 2: Hazards Identification		
Classification of the substance or mixture		
Not a hazardous substance or mixture.		
GHS Label elements, including precautionary statements		
Not a hazardous substance or mixture.		
Hazard not otherwise classified (HNOC) or not covered by GHS - none		
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.		

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Styrene/butyl methacrylate copolymer	2513-39-2	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact: Wash off with soap and plenty of water. In case of eye contact: Rinse eyes with water as a precaution. If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity No data available	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation No data available	
Serious eye damage/eye irritation No data available	
Respiratory or skin sensitization No data available	
Germ cell mutagenicity No data available	
Carcinogenicity No data available	
Reproductive toxicity No data available	
Specific target organ toxicity - single exposure No data available	
Specific target organ toxicity - repeated exposure No data available	
Aspiration hazard No data available	
Additional information No data available	

Section 12: Ecological information	
Toxicity No data available	

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon oxides Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8. Environmental precautions Do not let products enter drains Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate ventilation in places where dust is formed. Normal measures for preventive fire protection for all products, including any incompatibilities. Conditions for safe storage, including any incompatibilities Keep containers tightly closed in a dry and well ventilated place. Special handling instructions Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls General industrial hygiene practice. Personal protective equipment No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313. Minimum reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS-No. 25213-39-2 Styrene/butyl methacrylate copolymer New Jersey Right To Know Components CAS-No. 25213-39-2 Styrene/butyl methacrylate copolymer California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Pre-use inspection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 186(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves) before disposal. Do not reuse gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or EN (EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	Little or none
c) Odor Threshold	No data available
d) Melting point/freezing point	No data available
e) Initial boiling point and boiling range	No data available
f) Boiling point	No data available
g) Evaporation rate	No data available
h) Flammability (solid, gas)	No data available
i) Flammability limits	No data available
j) Vapor pressure	No data available
k) Relative density	No data available
l) Water solubility	Insoluble
m) Auto-ignition temperature	No data available
n) Decomposition temperature	No data available
o) Explosive properties	No data available
p) Oxidizing properties	No data available
Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Possibility of hazardous reactions No data available Conditions to avoid No data available	

Section 16: Other Information	
NFPA Rating Health: 0 Flammability: 0 Reactivity: 0 NFPA Rating Health: 0 Flammability: 0 Reactivity: 0 This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The manufacturer does not warrant the purity or absence of impurities or contaminants for any other use than the warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Styrene/ethylene-butylene, ABA block copolymer
Catalog Number(s):	452, 453
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14539
Telephone:	585/765-0413
Fax:	585/765-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-255-3924 (CHEM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture Not a hazardous substance or mixture. GHS label elements, including precautionary statements Not a hazardous substance or mixture. Hazard pictograms Not a hazardous substance or mixture. Hazard not otherwise classified (HNOCL) or not covered by GHS - Safety theme(s): Fluorescent character may be generated during handling. Risk of self-ignition of bulk product above certain temperatures. (Refer to Section 10). Specifically for milled grades and accumulated polymer dust: dust explosion could occur. Special Notes: This component is a synthetic rubber compound, which is essentially non-toxic. Material is non-irritating. If polymer dusts are generated, they could scratch the eyes and cause minor irritation to the respiratory tract. To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	
Section 3: Composition/Information on Ingredients	
Ingredient	CAS Number Styrene/ethylene-butylene, ABA block copolymer 66070-58-4
	Concentration (%) 100

Section 4: First Aid Measures	
Description of first aid measures If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Seek medical attention. In case of skin contact: Wash off with soap and plenty of water.	

Chemical stability Stable under ambient conditions. Oxidizes exothermically above ambient temperature. Reactivity No data available Perishability of hazardous reactions No data available Conditions to avoid Accumulation of product in areas separated to elevated temperatures for extended periods in air may result in self-heating and auto ignition. Avoid elevated temperatures in storage for prolonged periods of time. Incompatible materials Strong oxidizing agents Hazardous decomposition products Hazardous decomposition products are not expected to be generated under normal processing temperatures and conditions. Notes under ambient conditions: Although highly dependent on temperature and environmental conditions, a variety of thermal decomposition products may be present if the product is over heated, is smoldering or catches fire. Typical decomposition are ultimately oxides of carbon.	
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Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity No data available Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity Carcinogenicity – rat – Implant Carcinogenicity – rat – Inhalation Tumorigenic. Tumors at site of application. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Reproductive toxicity No data available	

In case of eye contact:

Rinse eyes with water as a precaution.

If swallowed:

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed:

Toxic effects that threaten humans and effects as described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed:

No data available.

Section 5: Fire-Fighting Measures	
Substance extinguishing media: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture: Not flammable but will burn. Combustion products may include carbon monoxide and carbon dioxide. Advice for fire-fighters: Wear self-contained breathing apparatus for fire-fighting if necessary. Further information: No data available.	

Section 6: Accidental Release Measures	
Personal protection, protective equipment and safety procedures Avoid dust inhalation. Personal protection see section 8. Environmental precautions No special environmental precautions required. Methods and materials for containment and clean up Sweep up and collect in a suitable, closed container for disposal. Precautions for preventing secondary fires For disposal see section 11.	

Section 7: Handling and Storage	
Precautions for safe handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Keep in a dry place. Specific end use(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values.	

Section 12: Ecological Information	
Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available Aspiration hazard No data available Additional information No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	

Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves) before disposal. Use gloves that meet appropriate government standards and are suitable for use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection:

Choose respiratory protection not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 EN 143 dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Cubic
b) Odor	Essentially odorless
c) Melting point/freezing point	No data available
d) Boiling point/breaking point	No data available
e) Initial boiling point and boiling range	No data available
f) Flash point	No data available
g) Evaporation rate	No data available
h) Flammability (solid, gas)	No data available
i) Explosive limits	No data available
j) Vapor pressure	No data available
k) Density	No data available
l) Solubility	Insoluble
m) Auto-ignition temperature	No data available
n) Decomposition temperature	No data available
o) Explosive properties	No data available
p) Oxidizing properties	No data available
q) Other safety information	No data available

Section 10: Stability and Reactivity

Reactivity

No data available

SARA 311/312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS-No: 66070-58-4 Styrene/ethylene-butylene, ABA block copolymer CAS-No: 66070-58-4 New Jersey Right To Know Components Styrene/ethylene-butylene, ABA block copolymer CAS-No: 66070-58-4 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	
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Section 16: Other information

HMS Rating	0	NFPA Rating	0
Flammability	1	Flammability	1
Reactivity	0	Reactivity	0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Styrene/isoprene copolymer, ABA block copolymer
Catalog Number(s):	1067
Company:	Scientific Polymer Products, Inc. 6265 Duane Parkway Ontario, NY 14519
Telephone:	585/265-0413
Fax:	585/265-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-255-3924 (CHEM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture	
Not a hazardous substance or mixture.	
GHS Label elements, including precautionary statements	
Not a hazardous substance or mixture.	
Hazard not otherwise classified (HNOCL) or not covered by GHS – none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Styrene/isoprene copolymer, ABA block copolymer	25038-32-8	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. In case of skin contact: Wash off with soap and plenty of water. Consult a physician.	
In case of eye contact: Flush thoroughly with plenty of water for at least 15 minutes and consult a physician if effects occur.	
If swallowed	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation:	
Dermal:	
Ingestion:	
Skin corrosion/irritation	
Serious eye damage/eye irritation	
Respiratory or skin sensitization	
Germ cell mutagenicity	
Carcinogenicity	
IARC:	
ACGIH:	
NTP:	
OSHA:	
Reproductive toxicity	
Specific target organ toxicity - single exposure	
Specific target organ toxicity - repeated exposure	
Application hazard	
Additional information	
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.	

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon oxides	
Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions	
Do not let product enter drains.	
Methods and materials for containment and cleaning up	
Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling	
Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place. Keep in a dry place.	
Specific end use(s)	
Laboratory chemicals. Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
General industrial hygiene practices.	
Personal protective equipment	

Section 12: Ecological Information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and POP assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Other surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unident product.	

Section 14: Transport Information	
DOT [US]	
No dangerous goods	
IMDG	
No dangerous goods	
IATA	
No dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 312 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	
No SARA Hazards	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
Styrene/isoprene copolymer, ABA block copolymer	
CAS No. 25038-32-8	

Eye/face protection
Wear eye protection to avoid eye contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 respirator (NIOSH) or equivalent. Respiratory protection is not required for components tested and approved under appropriate government standards such as NIOSH (US) or CEH (EU).

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 respirator (NIOSH) or equivalent. Respiratory protection is not required for components tested and approved under appropriate government standards such as NIOSH (US) or CEH (EU).

Control of environmental exposure
Do not let product enter drains.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Pellets
b) Odor	Odor: No odor
c) Odor threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Auto-ignition temperature	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Volatility	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity	
Reactivity	
No data available	
Chemical stability	
Stable under recommended storage conditions.	
Reactivity of hazardous reactions	
No data available	

Section 11: Other Information	
HMIS Rating	
Health: 0	
Physical: 0	
Reactivity: 0	
NFPA Rating	
Health: 0	
Physical: 0	
Reactivity: 0	
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Styrene/maleic anhydride copolymer	
Catalog Number(s):	456/457/458	
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519	
Telephone:	585/765-0413	
Fax:	585/765-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	

Section 2: Hazards Identification		
Classification of the substance or mixture Not a hazardous substance or mixture. GHS Label elements, including precautionary statements Not a hazardous substance or mixture. Hazard not otherwise classified (HNOCL) or not covered by GHS - none To this best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.		

Section 3: Composition/Information on Ingredients		
Ingredient:	CAS Number	Concentration (%)
Styrene/maleic anhydride copolymer	26762-29-8	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled If inhaled in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. In case of skin contact Wash off with soap and plenty of water. Consult a physician. In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.	
If swallowed	

Section 11: Toxicological Information	
Information on toxicological effects	
Acute toxicity Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity No data available Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available Aspiration hazard No data available	

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Nature of decomposition products not known.	
Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. Further information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8. Environmental precautions Do not let product enter drains.	

Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage	
Precautions for safe handling Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place. Keep in a dry place. Specific end use(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Compliance with any labels, codes and regulations Combine no substances with occupational exposure limit values.	

Section 12: Ecological Information	
Additional information RTCS: Not available	
Toxicity No data available Persistence and degradability No data available Bioaccumulative potential No data available Mobility in soil No data available Results of BBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment method Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No SARA Hazards Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right to Know Components Styrene/maleic anhydride copolymer CAS-No: 26762-29-8	

Exposure controls
Appropriate engineering controls
General industrial hygiene practice. Wash hands before breaks and at the end of workday.
Personal protective equipment
Eye/face protection: Safety shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves' outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and the glove laboratory practices. Wash and dry hands.
Body Protection
Wearing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at this specific workplace.
Respiratory protection
For nuisance exposures use type P95 (US) or type P1 (EN 143) particle respirator. For higher level protection use typeOV/AGP99 (US) or type ABRK-P2 (EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEI (EU).
Control of environmental exposure
Do not let product enter drains.

Section 9: Physical and Chemical Properties		
Information on basic physical and chemical properties		
a) Appearance	Form: White to off white Powder	
b) Odor	Odorless	
c) pH	No data available	
d) Melting point/freezing point	No data available	
e) Initial boiling point and boiling range	No data available	
f) Flash point	No data available	
g) Autoignition temperature	No data available	
h) Decomposition temperature	No data available	
i) Viscosity	No data available	
j) Upper/lower flammability or explosion limits (liquid, gas)	No data available	
k) Vapor pressure	No data available	
l) Vapor density	No data available	
m) Water solubility	Insoluble	
n) Partition coefficient: octanol/water	No data available	
o) Decomposition temperature	No data available	
p) Oxidizing properties	No data available	
q) Other safety information	No data available	

Section 10: Stability and Reactivity	
Reactivity No data available	

New Jersey Right to Know Components	
Styrene/maleic anhydride copolymer	CAS-No: 26762-29-8
California Prop. 65: Carcinogens This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other Information		
HMIS Rating	0	NFPA Rating
Health:	0	Health:
Environment:	0	Environment:
Reactivity:	0	Reactivity:

This material is intended for laboratory use only. It is not to be intended for doing household or other uses. The information presented is meant for informational purposes only and is not intended to be used as a basis for any warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Styrene/maleic anhydride copolymer, partial methyl ester	
Catalog Number(s):	049	Molecular Formula: (C ₁₁ H ₈ ClO ₂ ·CH ₃) _n
Company:	Scientific Polymer Products, Inc. 1000 University Ave. Ontario, NY 14519	
Telephone:	585/765-0013	
Fax:	585/265-1390	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-3924 (CHEM TEL)	
Section 2: Hazards Identification		
Classification of the substance or mixture		
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)		
Eye Irritation, Category 2A, H319		
Specific target organ toxicity-single exposure, Category 3, Respiratory system, H355		
GHS label elements, including precautionary statements		
Pictogram		
Signal word	Warning	
Hazard statements(s)	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	
Precautionary statements(s)	Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. If ON SKIN: Wash with plenty of soap and water. If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician if you feel unwell. If eye irritation persists: Get medical advice/attention. If you experience any of the above symptoms, please stop using the product immediately. Store in a well-ventilated place. Keep container tightly closed.	
P301+P310	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Consult a physician.	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.	
P303+P361+P353	IF IN EYES: Flush cautiously with water for several minutes. Remove contact lenses if they can be done without delay. If irritation persists, consult a physician.	
P304+P340	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Consult a physician.	
P305+P351+P338	IF IN EYES: Flush cautiously with water for several minutes. Remove contact lenses if they can be done without delay. If irritation persists, consult a physician.	
P312	Call Poison Center or doctor if you feel unwell.	
P332+P313	If skin irritation occurs: Get medical advice/attention.	
P373+P377	If you experience any of the above symptoms, please stop using the product immediately.	
P403+P233	Store in a well-ventilated place. Keep container tightly closed.	
P405	Store locked up.	
Polymer Sample Kit, Catalog# 205		
Page 451		
Section 10: Stability and Reactivity		
Reactivity		
No data available		
Chemical stability		
Stable under recommended storage conditions.		
Possibility of hazardous reactions		
No data available		
Conditions to avoid		
No data available		
Incompatible materials		
Strong oxidizing agents		
Hazardous decomposition products		
Other decomposition products: No data available		
In the event of fire: see section 5		
Section 11: Toxicological Information		
Information on toxicological effects		
Acute toxicity		
Oral: No data available		
Dermal: No data available		
Skin corrosion/Irritation		
No data available.		
Serious eye damage/eye irritation		
No data available		
Respiratory or skin sensitization		
No data available		
Germ cell mutagenicity		
No data available		
Polymer Sample Kit, Catalog# 205		
Page 452		
Section 3: Composition/Information on Ingredients		
P501 Dispose of contents/container to an approved waste disposal plant.		
Hazards not otherwise classified (HNOC) or not covered by GHS: None		
Section 4: First Aid Measures		
General advice		
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area if breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if breathing becomes difficult.		
In case of skin contact		
Wash off with soap and plenty of water. If irritation persists, consult a physician.		
In case of eye contact		
Wash off with soap and plenty of water. If irritation persists, consult a physician.		
If swallowed		
Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Consult a physician.		
Most important symptoms and effects, both acute and delayed		
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11		
Indication of any immediate medical attention and special treatment needed		
No data available		
Section 5: Fire-Fighting Measures		
Suitable extinguishing media		
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.		
Special hazards arising from the substance or mixture		
Carbon oxides.		
Advice for firefighters		
Wear self-contained breathing apparatus for firefighting if necessary.		
Further information		
No data available		
Section 6: Accidental Release Measures		
Personal precautions, protective equipment and emergency procedures		
Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Avoid breathing dust. Ensure adequate ventilation. Keep unprotected persons away. For personal protection see section 11.		
Environmental precautions		
Do not let product enter drains.		
Polymer Sample Kit, Catalog# 205		
Page 453		
Section 7: Handling and Storage		
Precautions for safe handling		
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2		
Conditions for safe storage, including any incompatibilities		
Keep container tightly closed in a dry and well-ventilated place.		
Specific end use(s)		
Laboratory chemicals. Synthesis of substances		
Section 8: Exposure Controls/Personal Protection		
Control parameters		
Components with workplace control parameters		
Contains no substances with occupational exposure limit values.		
Exposure controls		
Appropriate engineering controls		
Work in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday		
Personal protective equipment		
Eye/face protection		
Wear eye-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 186(EU).		
Skin protection		
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.		
Respiratory protection		
For instance exposures use type P95(U5) or type P100 (EU EN 143) particulate respirator. For higher level protection use type D100/G16/P99 or type ABEK4/92 (EU EN 143) respirator certified for use with organic vapors and components tested and approved under appropriate government standards such as NIOSH (US) or EN 120 (EU).		
Control of environmental exposure		
Do not let product enter drains		
Section 9: Physical and Chemical Properties		
Information on basic physical and chemical properties		
a) Appearance	Form: Solid	
b) Melting point/freezing point	No data available	
c) Boiling point/breaking point	No data available	
d) pH	No data available	
e) Flammability (solid, gas)	No data available	
f) Upper/lower flammability or	No data available	
g) Vapor pressure	No data available	
h) Vapor density	No data available	
i) Partition coefficient n-octanol/water	No data available	
j) Water solubility	No data available	
k) Decomposition temperature	No data available	
l) Viscosity	No data available	
m) Flash point	No data available	
n) Oxidizing properties	No data available	
Other safety information	No data available	
Polymer Sample Kit, Catalog# 205		
Page 454		
Section 12: Ecological Information		
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.		
Ecotoxicity		
No data available		
Bioaccumulation potential		
No data available		
Mobility in soil		
No data available		
Biodegradability		
No data available		
Persistence and degradation		
No data available		
Other adverse effects		
No data available		
Section 13: Disposal Considerations		
Waste treatment methods		
Product		
Dispose of this waste and any acceptable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.		
Container/Residue		
Dispose of as unused product.		
Section 14: Transport Information		
DOT (US)		
No dangerous goods		
Polymer Sample Kit, Catalog# 205		
Page 455		
Section 15: Regulatory Information		
SARA 302 Components		
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.		
SARA 312 Components		
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 312.		
SARA 311/312 Hazards		
Acute Health Hazard		
Massachusetts Right To Know Components		
No components are subject to the Massachusetts Right to Know Act.		
Pennsylvania Right To Know Components		
Styrene/maleic anhydride copolymer, partial methyl ester		CAS-No. 31555-78-1
New Jersey Right To Know Components		CAS-No. 31555-78-1
Styrene/maleic anhydride copolymer, partial methyl ester		CAS-No. 31555-78-1
California Prop. 65 Components		
This material contains the following chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.		
Section 16: Other Information		
HMIS Rating		
Health: 1	NFPA Rating	
Reactivity: 0	Health: 1	
Instability: 0	Reactivity: 0	
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information on this label is for laboratory use only. It is not intended for use in any other context. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.		
Polymer Sample Kit, Catalog# 205		
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Section 1: Identification		
PRODUCT AND COMPANY INFORMATION		
Product Name:	Vinyl chloride/vinyl acetate copolymer	Molecular Formula: (C ₂ H ₃ O+CH ₂ Cl) _n
Catalog Number(s):	063,068	
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519	
Telephone:	585/765-0113	
Fax:	585/765-1300	
Website:	www.scipoly.com	
Emergency Phone Number:	800-255-8924 (CHEM TEL)	

Section 2: Hazards Identification	
Classification of the substance or mixture	
GHS Classification in accordance with 19 CFR 1910 (OSHA HCS)	
Combustible dust	
GHS label elements, including precautionary statements	
Pictogram	None
Signal word	Warning
Hazard statement(s)	May form combustible dust concentrations in air
Precautionary statement(s)	None
Hazards not otherwise classified (HNOC) or not covered by GHS	
Combustible dust	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Vinyl Chloride/Vinyl acetate copolymer	9003-22-9	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled	
If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact	

Section 10: Stability and Reactivity	
Other safety information	
No data available	

Section 11: Toxicological information	
Information on toxicological effects	
Acute toxicity	
LD50 Oral-Rat->1,000 mg/kg	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	
No data available	

Wash off with soap and plenty of water.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon oxides	
Advice for firefighters	
Wear self-contained breathing apparatus for fire fighting if necessary.	
Further information	
No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions	
No special environmental precautions required.	
Methods and materials for containment and cleaning up	
Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling	
Further processing of solid materials may result in the formation of combustible dusts. The potential for dust formation is increased when the material is finely divided. Avoid dust formation. Avoid breathing vapors, mist or gas. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Store in a closed container in a dry and cool area. Keep away from heat and sources of ignition. Keep away from food, drink, and animal feeding stuffs. Keep container tightly closed in a dry and well ventilated place.	
Specific end use(s)	
Laboratory chemicals, Manufacture of substances	

Specific target organ toxicity - single exposure	
No data available	
Specific target organ toxicity - repeated exposure	
No data available	
Aspiration hazard	
No data available	
Additional information	
RETECS: Not available	

Section 12: Ecological information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and vPvB assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Offer surplus and non-recyclable solutions to a licensed disposal company.	
Containment packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	

Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/Face protection

Eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Protective clothing in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 respirator (US) or P2 (EU). Respiratory protection should not be used for components tested and approved under appropriate government standards such as NIOSH (US) or CEH (EU).

Control of environmental exposure

No special environmental precautions required.

Section 9: Physical and Chemical Properties		
Information on basic physical and chemical properties		
a) Appearance	Form: Powder	
b) Odor	Odor	
c) pH	No data available	
d) Melting point/freezing point	No data available	
e) Initial boiling point and boiling range	No data available	
f) Flash point	No data available	
g) Auto-ignition temperature	No data available	
h) Flammability (solid, gas)	No data available	
i) Upper/lower flammability or explosive limits	No data available	
j) Vapor pressure	No data available	
k) Vapor density	No data available	
l) Relative density	No data available	
m) Water solubility	Insoluble	
n) Partition coefficient n: octanol/water	No data available	
o) Auto-ignition temperature	No data available	
p) Decomposition temperature	No data available	
q) Polymerization	No data available	
r) Explosive properties	No data available	
s) Oxidizing properties	No data available	
t) Oodling properties	No data available	

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

CAS-No, 9003-22-9

Vinyl chloride/vinyl acetate copolymer

New Jersey Right To Know Components

CAS No, 9003-22-9

Vinyl chloride/vinyl acetate copolymer

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other information		
HMIS Rating	NFPA Rating	
Health: 0	Health: 0	
Physical hazard: 0	Physical hazard: 0	
Reactivity: 0	Reactivity: 0	

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Vinylidene chloride/vinyl chloride copolymer
Catalog Number(s):	058
Company:	Scientific Polymer Products, Inc. 6265 Duan Parkway Ontario, NY 14539
Telephone:	585/765-0113
Fax:	585/765-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-255-3924 (CHEM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture	
Not a hazardous substance or mixture.	
GHS Label elements, including precautionary statements	
Not a hazardous substance or mixture.	
Hazard not otherwise classified (HNOC) or not covered by GHS - none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients	
Ingredient:	CAS Number Concentration (%)
Vinylidene chloride/vinyl chloride copolymer	9011-06-7 100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact: Wash off with soap and plenty of water.	
In case of eye contact: Flush affected eye(s) with water as a precaution.	
If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Section 5: Fire-Fighting Measures	
Control parameters	
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact: Wash off with soap and plenty of water.	
In case of eye contact: Flush affected eye(s) with water as a precaution.	
If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Section 6: Toxicological Information	
Information on toxicological effects	
Acute toxicity	
No data available	
Inhalation: No data available	
Dermal: No data available	
Skin corrosion/irritation	
No data available	
Serious eye damage/eye irritation	
No data available	
Respiratory or skin sensitization	
No data available	
Germ cell mutagenicity	
No data available	
Carcinogenicity	
Not a known or suspected human carcinogen by IARC.	
Mutagenicity: Equivocal	
Tumorigenic: Tumors at site of application.	
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.	
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.	
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	
No data available	
Specific target organ toxicity - single exposure	
No data available	
Specific target organ toxicity - repeated exposure	
No data available	
Aspiration hazard	
No data available	
Additional Information	
No data available	

Most important symptoms and effects, both acute and delayed.
The most important adverse symptoms and effects are described in the labelling (see section 2) and/or in section 11.
No data available.

Section 5: Fire-Fighting Measures	
Suitable extinguishing media	
Use water spray, carbon dioxide foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture	
Carbon monoxide.	
Advice for firefighters	
Wear self-contained breathing apparatus for fire-fighting if necessary.	
Further information	
No data available.	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.	
Environmental precautions	
No special environmental precautions required.	
Methods and material for containment and clean up	
Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections	
For disposal see section 14.	

Section 7: Handling and Storage	
Precautions for safe handling	
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.	
Conditions for safe storage, including any incompatibilities	
Keep container tightly closed in a dry and well ventilated place. Keep in a dry place.	
Specific end use(s)	
Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit values.	
Exposure controls	
Appropriate engineering controls	
General industrial hygiene practice.	

Section 11: Ecological Information	
Toxicity	
No data available	
Persistence and degradability	
No data available	
Bioaccumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and vPvB assessment	
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Other adverse effects	
No data available	

Section 13: Disposal Considerations	
Waste treatment methods	
Product	
Offer surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging	
Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	
Not dangerous goods	
IMDG	
Not dangerous goods	
IATA	
Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components	
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components	
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.	
SARA 311/312 Hazards	
No SARA Hazards	
Massachusetts Right To Know Components	
No components are subject to the Massachusetts Right to Know Act.	
Pennsylvania Right To Know Components	
CAS No. 9011-06-7	
Vinylidene chloride/vinyl chloride copolymer	

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 186(U).

Skin protection
Protective gloves. Gloves must be inspected after each use. Inspect gloves frequently to determine whether the gloves are contaminated. Wash gloves after each use. Do not touch your face while wearing gloves. Do not eat, drink, or smoke while wearing gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific properties of the substance. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance in the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
No special environmental precautions required.

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	Slight to no odor
c) Color	White to off-white
d) Melting point/freezing point	No data available
e) Boiling point	No data available
f) Physical boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Vapor pressure	No data available
j) Flammability (solid, gas)	No data available
k) Explosive limits	No data available
l) Vapor pressure	No data available
m) Relative density	No data available
n) Density	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available
Other safety information	
No data available	

Section 10: Stability and Reactivity	
Reactivity	
No data available	
Chemical stability	
Stable under recommended storage conditions.	
Possibility of hazardous reactions	
No data available	

New Jersey Right to Know Components

Vinylidene chloride/vinyl chloride copolymer
CAS-No. 9011-06-7
California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information	
HMIS Rating	0
Health	0
Flammability	0
Reactivity	0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The user must read and understand the entire label and safety data sheet before using this material. No warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification			
PRODUCT AND COMPANY INFORMATION			
Product Name:	N-Vinyl pyrrolidone/vinyl acetate copolymer		
Catalog Number(s):	369	Molecular Formula:	(C ₄ H ₅ NO-C ₄ H ₇ O ₂) _n
Company:	Scientific Polymer Products, Inc. 6265 Dean Parkway Ontario, NY 14519		
Telephone:	585/765-0413		
Fax:	585/765-1380		
Website:	www.scipoly.com		
Emergency Phone Number:	800-255-3924 (CHEM TEL)		

Section 2: Hazards Identification	
Classification of the substance or mixture GHS Classification: in accordance with 29 CFR 1910 (OSHA HCS) Acute toxicity (Oral), Category 4, H302	
GHS label elements, including precautionary statements	
Pictogram	
Signal word	Warning
Hazard statement(s)	H302: Harmful if swallowed.
Precautionary statement(s)	P201: Read the label carefully before handling. P273: Do not get into eyes, on skin, or on clothing. P301+P312+P330: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. P301: Dispose of contents/container to an approved waste disposal point.
Hazards not otherwise classified (HNOC) or not covered by GHS-None To the best of our knowledge, the toxicologic properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
R-Vinyl pyrrolidone/Vinyl acetate copolymer	25086-89-9	100

- h) Evaporation rate
i) Flammability (solid, gas)
j) Flash point
k) Lower flammability or explosive limits
l) Vapor pressure
m) Relative density
n) Solubility
o) Water solubility
p) Auto-ignition temperature
q) Decomposition temperature
r) Explosive properties
s) Oxidizing properties
t) Other safety information

Section 10: Stability and Reactivity	
Reactivity No data available Chemical stability Stable under recommended storage conditions. Possibility of hazardous reactions No data available Conditions to avoid No data available Incompatible materials Strong oxidizing agents, Strong bases Hazardous decomposition products Other decomposition products: No data available In the event of fire: see section 5	

Section 11: Toxicological Information	
Information on toxicological effects Acute toxicity LD50 Oral rat ~620 mg/kg Remarks: Behavior: Somnolence (general depressed activity). Behavior: Ataxia Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available. Serious eye damage/eye irritation No data available Respiratory or skin sensitization No data available Germ cell mutagenicity No data available	

Section 4: First Aid Measures	
Description of first aid measures General advice Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if breathing becomes difficult. In case of skin contact Wash off with soap and plenty of water. If irritation persists, consult a physician. In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes. Separate eyelids with fingers. If irritation persists, consult a physician. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Most important symptoms and effects, both acute and delayed The most important health symptoms and effects are described in the labelling (see section 2) and/or in section 11. No data available. Indication of any immediate medical attention and special treatment needed No data available.	

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray or foam. Special hazards arising from the substance or mixture Carbon monoxide, nitrogen oxides (NOx). Advice for firefighters Wear self-contained breathing apparatus for fire-fighting if necessary. Further information No data available.	

Section 6: Accidental Release Measures	
Personal protection, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Avoid breathing dust. Ensure adequate ventilation. Keep unprotected persons away. For personal protection see section 8. Environmental precautions Do not let product enter drains. Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Reference to other sections For disposal see section 13.	

- Carcinogenicity**
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

- Reproductive toxicity**
No data available
Specific target organ toxicity- single exposure (STOT)
Inhalation: May cause respiratory irritation.
Specific target organ toxicity- repeated exposure (STOT)
No data available
Aspiration hazard
No data available
Additional information
RTCS: AH353000
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information	
Toxicity No data available Bioaccumulative potential No data available Mobility in soil No data available Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects No data available	

Section 13: Disposal Considerations	
Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Contaminated packaging Dispose of as unused product.	

Section 7: Handling and Storage	
Precautions for safe handling Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see paragraph 2. Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place. Storage class (TRGS 510): Non Combustible Solids Specific and useful Laboratory chemicals, Synthesis of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values. Exposure controls Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday Personal protective equipment Eye/face protection Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards, such as NIOSH (US) or EN 166(EU). Skin protection Hands: with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching the outside of the glove). After removal, immediately wash or disinfect gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Respiratory protection For nuisance exposures use type P95 (US) or type P1 EU (EN 143) particle respirator. For higher level protection use appropriate respiratory protection equipment. For more information on components and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU) Control of sub-atmospheric exposure Do not let product enter drains	

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties a) Appearance b) Odor c) Color d) pH e) Melting point/freezing point f) Initial boiling point and boiling range g) Flash point h) Viscosity i) Density j) Surface tension k) Refractive index l) Viscosity m) Vapor pressure n) Relative density o) Solubility p) Auto-ignition temperature q) Decomposition temperature r) Explosive properties s) Oxidizing properties t) Other safety information	

Section 14: Transport Information	
DOT (US) Not dangerous goods IMDG Not dangerous goods ICPA Not dangerous goods	

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 312 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 312. SARA 311/312 Hazards Acute Health Hazard Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS No. 25086-89-9 New Jersey Right To Know Components CAS No. 25086-89-9 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	

Section 16: Other information	
HMS Rating Health: 0 Environment: 0 Reactivity: 0 NFPA Rating Health: 0 Flammability: 0 Reactivity: 0 Other information This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	



Section 1: Identification	
PRODUCT AND COMPANY INFORMATION	
Product Name:	Zinc, purified
Catalog Number(s):	021
Company:	Scientific Polymer Products, Inc. 1000 Valley Road Ontario, NY 14519
Telephone:	516-255-0413
Fax:	516-265-1390
Website:	www.scipoly.com
Emergency Phone Number:	800-255-3924 (CHEM TEL)

Section 2: Hazards Identification	
Classification of the substance or mixture	
Not a hazardous substance or mixture.	
GHS label elements, including occupational statements	
Not a hazardous substance or mixture.	
Hazards not otherwise classified (NOC) or not covered by GHS – none	
To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.	

Section 3: Composition/Information on Ingredients		
Ingredient	CAS Number	Concentration (%)
Zinc, purified	7440-66-6	100

Section 4: First Aid Measures	
Description of first aid measures	
If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.	
In case of skin contact Wash off with soap and plenty of water.	
In case of eye contact Flush eyes with water as a precaution.	
If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.	

Incompatible materials
Strong oxidizing agents
Hazardous decomposition products
Other decomposition products - No data available
In the event of fire, see Section 5

Section 11: Toxicological Information	
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Information on toxicological effects	
Acute toxicity	No data available
Inhalation:	No data available
Dermal:	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Anticarcinogen by IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Anticarcinogen by ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional Information	RTCS: Not available

Section 12: Ecological Information	
Toxicity	No data available

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire-Fighting Measures	
Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Special hazards arising from the substance or mixture None if decomposition products not known	
Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.	
Further Information No data available	

Section 6: Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures For personal protection see section 8.	
Environmental precautions Do not let product enter drains.	
Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.	
Reference to other sections For disposal see section 13.	

Section 7: Handling and Storage	
Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.2.	
Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well ventilated place.	
Specific end uses(s) Laboratory chemicals, Manufacture of substances	

Section 8: Exposure Controls/Personal Protection	
Control parameters Components with workplace control parameters Contains no substances with occupational exposure limit values.	
Exposure controls Appropriate engineering controls General industrial hygiene practices.	
Personal protective equipment No data available	

Persistence and degradability No data available
Bioaccumulative potential No data available
Mobility in soil No data available
Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects No data available

Section 13: Disposal Considerations	
Waste treatment methods Product Other surplus and non-recyclable solutions to a licensed disposal company.	
Contaminated packaging Dispose of as unused product.	

Section 14: Transport Information	
DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

Section 15: Regulatory Information	
SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (the Minimis) reporting levels established by SARA Title III, Section 313.	

Eye/Face protection
Wear eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or P2 (EU) respirator rated at least 95% efficient. Components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drains

Section 9: Physical and Chemical Properties	
Information on basic physical and chemical properties	
a) Appearance	Form: Powder
b) Odor	No data available
c) pH	No data available
d) Initial boiling point and boiling range	No data available
e) Flash point	No data available
f) Flammability (solid, gas)	No data available
g) Upper/lower flammability or	No data available
h) Vapor pressure	No data available
i) Vapor density	No data available
j) Water solubility	No data available
k) Partition coefficient: n-octanol/water	No data available
l) Decomposition temperature	No data available
m) Viscosity	No data available
n) Oxidizing properties	No data available
o) Other safety information	No data available

Section 10: Stability and Reactivity	
Reactivity No data available	
Chemical stability Stable under recommended storage conditions.	
Reactivity No data available	
Conditions to avoid No data available	

Section 16: Other Information	
HMS Rating	0
Flammability	0
Reactivity	0
This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.	

