



Section 1: Identification

PRODUCT AND COMPANY INFORMATION

**Product Name:** Ethoxylated (30) bisphenol A diacrylate  
**Catalog Number(s):** M-270      **Molecular Formula:**  $(C_2H_4O)_n(C_2H_4O)_n C_{21}H_{20}O_4$   
**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 (%)
Ethoxylated (30) bisphenol A diacrylate	64401-02-1	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.

**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. Remove contaminated clothing and shoes. 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

**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**

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**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. 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 inhalation of vapor or mist. For precautions see section 2.

**Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well ventilated place. Store out of direct sunlight in a cool well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Temperature tolerance- Do not store below: 32° F (0° C)

Temperature tolerance- Do not store above: 100° F (38° C)

**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. Hazardous components without workplace control parameters

## Exposure controls

### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

### 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 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

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Where risk assessment shows air purifying respirators are appropriate use a full face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole 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: Liquid
b)	Odor	Slightly acrylic
c)	Odor Threshold	No data available
d)	pH	~ 7
e)	Melting point/freezing point	No data available
f)	Initial boiling point and boiling range	No data available
g)	Flash point	>201° F (94° C) Estimated
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Flammability or explosive limits	
	Upper	No data available
	Lower	No data available
k)	Vapor pressure	No data available
l)	Vapor density	No data available
m)	Relative density	1.128 g/cm <sup>3</sup> (25° C (77° F))
n)	Water solubility	Negligible
o)	Partition coefficient: n- octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	185.6° C (366.1° F)
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. However, this material can undergo hazardous polymerization

**Possibility of hazardous reactions**

Hazardous polymerization may occur. Polymerization is exothermic and can degenerate into an uncontrolled reaction

**Conditions to avoid**

This material polymerizes exothermically in the presence of heat, contamination, oxygen free atmosphere, free radicals, peroxides and inhibitor depletion liberating heat. Avoid direct sunlight. Do NOT expose to ultraviolet light.

**Incompatible materials**

Strong oxidizing agents, Strong reducing agents, Free radical generators, Inert gas, Oxygen scavenger, Peroxides

**Hazardous decomposition products**

Thermal decomposition giving flammable and toxic products: Carbon oxides, Acrylates, Hazardous organic compounds

In the event of fire: see section 5

**Section 11: Toxicological Information****Acute toxicity**

LD0 Oral- Rat- >2,000 mg/kg. No deaths occurred  
LD0 Dermal-Rat->2,000 mg/kg. No deaths occurred

**Skin Corrosion/Irritation**

Not irritating. (Rabbit) Irritation Index: 0.0/8.0 (4 h)

**Serious Eye Damage/Eye Irritation**

Not irritating (Rabbit)

**Respiratory or Skin Sensitization**

Not a sensitizer. LLNA: Local Lymph Node Assay. (Mouse) No skin allergy was observed

**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 probable, possible or confirmed human carcinogen by ACGIH.

NTP: Reasonably anticipated to be a human carcinogen (Styrene)

OSHA: 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 OSHA.

**Reproductive Toxicity**

Reproduction test. Oral (Rat)/ No toxicity to reproduction

**Specific Target Organ Toxicity – Single Exposure**

No data available

**Specific Target Organ Toxicity – Repeated Exposure**

Repeated exposure oral administration to Rat/ affected organ(s): liver, kidney/ No specific toxic effects

**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**

Toxicity to fish	Practically nontoxic. Oncorhynchus mykiss (rainbow trout) 96 h LL50>100 mg/l
Aquatic invertebrates	Toxic. Daphnia magna (Water flea) 48 h EL50=6 mg/l
Algae	Practically nontoxic. Pseudokirchneriella subcapitata (microalgae) 72 h EL50 (Growth inhibition) >100 mg/l
Microorganisms	Respiration inhibition/ Activated sludge 672 h NOEC= 14.3 mg/l

**Persistence & Degradability**

Not readily biodegradable. (28 d) Water 21%  
Octanol Water Partition Coefficient: log Pow= 0.46

**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**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.

**Section 13: Disposal Considerations****Waste treatment methods****Product**

Offer surplus and no-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**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**

Reactivity Hazard

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right-to-Know Act.

**Pennsylvania Right To Know Components**

	CAS No.
Ethoxylated (4) bisphenol A diacrylate	64401-02-1

**New Jersey Right To Know Components**

	CAS No.
Ethoxylated (4) bisphenol A diacrylate	64401-02-1

**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 16: Other Information**

**HMIS Rating**

Health:	2
Flammability:	1
Reactivity:	1

**NFPA Rating**

Health:	2
Flammability:	1
Reactivity:	1

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.