



Section 1: Identification

PRODUCT AND COMPANY INFORMATION

**Product Name:** Polydimethylsiloxane, acetoxy terminated  
**Catalog Number(s):** 808 **Molecular Formula:** Unspecified  
**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

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin irritation, Category 2, H315  
Eye irritation, Category 2A, H319

GHS Label elements, including precautionary statements

Pictogram



Signal word Warning

Hazard statement(s)

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

Precautionary statement(s)

P280 Wear protective gloves/eye protection/face protection.  
P303+P361+P353 IF ON SKIN(or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
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 and precautions to prevent or minimize exposure.

### Section 3: Composition/Information on Ingredients

Ingredient	CAS Number	Concentration (%)
Polydimethylsiloxane, acetoxy terminated	68440-60-8	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. If skin irritation occurs, consult a physician.

##### In case of eye contact

Immediately flush eyes with plenty of water. Remove contact lenses if present and easy to do. Continue rinsing. Get medical advice/attention if irritation persists.

##### If swallowed

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

No data available

### Section 5: Fire-Fighting Measures

#### Suitable extinguishing media

Alcohol foam, dry chemical, CO2

#### 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

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Notify authorities if liquid enters sewers or public waters.

#### Methods and materials for containment and cleaning up

Contain spillage as soon as possible, using an absorbent material to collect it. Sweep or shovel spills into appropriate container for disposal. 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 all contact with skin and eyes. Avoid inhalation of vapor or mist. Use only in well ventilated areas. Keep away from sources of ignition-No smoking. Take measures to prevent the build-up of electrostatic charge. Ground/bond container and receiving equipment. Use only non-sparking tools. For precautions see section 2

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

Keep container tightly closed in a cool, well ventilated place. Protect from heat, direct sunlight and source of ignition. Store away from acidic, alkaline, and oxidizing materials. Provide adequate ventilation.

### **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. Ensure adequate ventilation.

### **Exposure controls**

#### **Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

### **Personal protective equipment**

#### **Eye/face protection**

Chemical 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 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**

Local exhaust required. Where risk assessment shows air purifying respirators are appropriate use 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**

Prevent further leakage or spillage if safe to do so. 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       | Vinegar like |

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	290° C (554° F) Closed cup
h)	Evaporation rate	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	Reacts in water
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 hazardous reactions known

**Conditions to avoid**

Contact with water or moist air, generates acetic acid; TLV (TWA)=10 ppm

**Incompatible materials**

Oxidizing agents, alkali and acids

**Hazardous decomposition products**

Other decomposition products- In combustion emits toxic fumes  
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**

Irritant for skin and mucous membranes

**Serious eye damage/eye irritation**

Irritant effect

**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 (GHS)**

Inhalation- May cause respiratory irritation

**Specific target organ toxicity- repeated exposure (GHS)**

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.

**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**

Do not allow product to reach ground water, water bodies or sewage system, even in small quantities

**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.

