





# Material Safety Data Sheet # 358

Hercules Chemical Company Inc.  
111 South Street  
Passaic NJ 07055-7398  
Information Telephone: 1-800 221-9330  
Internet: [www.herchem.com](http://www.herchem.com)

NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td>HEALTH</td><td>1</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>1</td></tr></table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	1		
HEALTH	1								
FLAMMABILITY	0								
REACTIVITY	1								

Preparation: 2/3/09

Revision Date

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identity:** Silicone Caulk - White

**Intended Use:** Sealant

**Manufacturer:** Hercules Chemical Company, Inc.  
111 South Street  
Passaic, New Jersey 07055-7398

**Information Telephone:** (800) 221-9330

**Internet:** <http://www.herchem.com>

**Emergency Phone: CHEMTREC: (800) 424-9300**

**NFPA Rating:** Health = 1      Fire = 0      Reactivity = 1

**HMIS Rating:** Health = 1      Fire = 0      Reactivity = 1

**MSDS Date of Preparation:** 02/03/09

## 2. HAZARDS IDENTIFICATION

This product is a creamy white paste with an acetic acid odor.

### EMERGENCY OVERVIEW

**WARNING!** May be harmful if swallowed, inhaled or absorbed through skin. Irritating to eyes, respiratory system and skin. May cause central nervous system depression.

**Ingestion:** May be harmful if swallowed. May cause central nervous system effects. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

**Skin:** Uncured product contact will irritate lips, gums and tongue. Skin irritation is possible after contact with the uncured product. May be absorbed through skin and produce effects as listed under "Ingestion".

**Inhalation:** This product in uncured state, could cause mild respiratory tract irritation. Applies in uncured state. May also cause other effects as listed under "Ingestion".

**Eyes:** Eye irritation on contact with the uncured product.

**Medical conditions aggravated:** Pre-existing skin or respiratory diseases.

**Subchronic (target organ):** Skin; central nervous system

**Chronic effects / carcinogenicity:** This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

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**Routes of exposure:** Dermal; Eyes; Inhalation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Distillates petroleum, hydrotreated	64742-47-8	5 – 10%
Methyltriacetoxysilane	4253-34-3	1 – 5%
<b>Non-Hazardous Ingredients</b>		
Dimethylpolysiloxane	70131-67-8	60 - 90%
Treated Filler	68611-44-9	5 - 10%
Titanium Dioxide	13463-67-7	1 – 5%

### 4. FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

**Skin:** To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. Get medical attention if irritation persists.

**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

**Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**Note to physician:** Treatment is symptomatic and supportive.

### 5. FIRE FIGHTING MEASURES

**Flashpoint:** >93.3°C; 200°F

**Method:** estimated

**Ignition temperature:** Unknown

**Flammable limits in air - lower (%):** No data available

**Flammable limits in air - upper (%):** No data available

**Sensitivity to mechanical impact:** No

**Sensitivity to static discharge:** Not expected.

**Extinguishing media:** All standard extinguishing agents are suitable.

**Special fire fighting procedures:** Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

**Action to be taken if material is released or spilled:** Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

### 7. HANDLING AND STORAGE

**Precautions to be taken in handling and storage:** Avoid contact with skin and eyes. Use only in well-ventilated areas. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and Cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation. Product releases acetic acid during application and curing. Attention: not for Injection into humans. Keep away from children. May generate formaldehyde at temperatures greater Than 150 c (300 f). See section 10 of msds for details.

**Storage:** Store away from heat, sources of ignition, and incompatibles.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering controls:** Eyewash stations; Showers; Exhaust ventilation

**Respiratory protection:** If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations.

**Protective gloves:** Rubber gloves.

**Eye and face protection:** Safety glasses

**Other protective equipment:** Wear suitable protective clothing and eye/face protection.

**Exposure Guidelines:**

N/A

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance And Odor:** Creamy white paste with an acetic acid odor

<b>Physical State:</b> White solid	<b>Boiling Point:</b> Not applicable
<b>Vapor Density:</b> No data available	<b>Vapor Pressure:</b> Unknown
<b>Specific Gravity (water=1):</b> 1.05	<b>Evaporation Rate (butyl acetate=1):</b> <1
<b>Freezing Point:</b> Not applicable	<b>Density:</b> 8.76 lb/gal
<b>Melting Point:</b> Not applicable	<b>pH:</b> Not applicable
	<b>Octanol/Water Coefficient:</b> Not determined
<b>Acid / alkalinity (meq/g):</b> Unknown	<b>Volatile organic content (vol):</b> 2.8 %(m)
<b>Solubility In Water:</b> Insoluble	<b>Voc excl. H2o &amp; exempts (g/l):</b> 36
<b>Solubility in organic solvent (state solvent):</b> Toluene	

**10. STABILITY AND REACTIVITY**

**Stability:** Stable

**Hazardous polymerization:** Will not occur.

**Hazardous thermal decomposition / combustion products:** Carbon dioxide (CO<sub>2</sub>); Carbon monoxide; Silicon dioxide; Acetic acid; This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

**Incompatibility (materials to avoid):** None known.

**Conditions to avoid:** None known.

**11. TOXICOLOGICAL INFORMATION**

**HEALTH HAZARDS:**

**Acute oral:** unknown

**Acute dermal:** unknown

**Acute inhalation:** unknown

**Other:** None

**Sensitization:** No data available

**Skin irritation:** No data available

**Eye irritation:** No data available

**Mutagenicity:** Unknown

**Other effects of overexposure:** Acetic acid released during curing.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** Ecotoxicological data for this product is not available.

**Distribution:** No data available

**Chemical fate:** No data available

### 13. DISPOSAL CONSIDERATIONS

**Disposal method:** Disposal should be made in accordance with federal, state and local regulations.

### 14. TRANSPORT INFORMATION

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

### 15. REGULATORY INFORMATION

#### Inventories

Canada NDSL Inventory	No
TSCA list	Yes
Canada DSL Inventory	q (quantity restricted)

#### US Regulatory Information

**SARA (311,312) HAZARD CLASS:** Acute Health Hazard; Chronic Health hazard

**SARA (313) CHEMICALS:** 58-36-6, 10, 10'-oxybisphenoxarsine.

#### Canadian Regulatory Information

##### WHMIS HAZARD CLASS

D2B - Toxic Materials

#### CALIFORNIA PROPOSITION 65

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

### 16. OTHER INFORMATION

**NFPA Rating:** Health = 1      Fire = 0      Reactivity = 1

**HMIS Rating:** Health = 1      Fire = 0      Reactivity = 1

#### Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.