

# MSDS Document

## Product Dynatex® 49280 Clear RTV Silicone Sealant - Industrial Grade

### 1. Chemical Product and Company Identification

**Trade Name of this Product** Dynatex® 49280 Clear RTV Silicone Sealant - Industrial Grade  
**MSDS ID** DY49280

**Manufacturer**

Accumetric, LLC  
350 Ring Road  
Elizabethtown, KY 42701

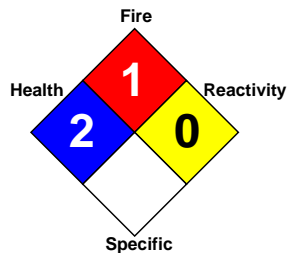
**Phone Number**

(270) 769-3385

**Emergency Phone**

(800) 928-2677

**Revision Date** 9/28/2004



### 2. Composition and Information on Ingredients

| Ingredient             | CAS Number | Weight % | ACGIH TLV | PEL       | STEL  |
|------------------------|------------|----------|-----------|-----------|-------|
| Methyltriacetoxysilane | 4253-34-3  | 1% - 5%  | TWA 10ppm | TWA 10ppm | 15ppm |
| Ethyltriacetoxysilane  | 17689-77-9 | 1% - 5%  | TWA 10ppm | TWA 10ppm | 15ppm |

### 3. Hazard Identification

**Primary Routes of Entry**

Eye contact, inhalation, skin contact

**Eye Contact**

Direct contact may cause moderate irritation.

**Skin Contact**

May cause moderate irritation.

**Inhalation**

Irritates respiratory passages very slightly.

**Ingestion**

No significant effects expected from a single short term exposure.

**Symptoms of Overexposure**

No known applicable information.

**Existing Conditions Aggravated by Exposure**

None known.

**4. First Aid Information**

**Eye Contact**

Immediately flush with water for 15 minutes. Seek medical attention.

**Skin Contact**

Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.

**Inhalation**

No first aid should be needed.

**Ingestion**

No first aid should be needed.

**Comments**

Treat according to person's condition and specifics of exposure.

**5. Fire Fighting Measures**

**Flash Point**

Not Applicable

**Auto-ignition Temperature**

Not determined

**Flammability Limits in Air**

Not determined

**Extinguishing Media**

On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.

**Fire Fighting Measures**

Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

**Unusual Fire or Explosion Hazards**

None

**Hazardous Decomposition Products**

Thermal breakdown of this product during fire or very high heat conditions may evolve the

following hazardous decomposition products:

Carbon oxides and traces of incompletely burned carbon compounds

Formaldehyde

Silicon dioxide

**Comment**

When temperatures above 150°C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limits for formaldehyde.

## 6. Accidental Release Measures

**Steps to be taken in case of spill or release**

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. For small spills, wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled material, even in small quantities, may present a slip hazard. Final cleaning may require the use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.

Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.

## 7. Handling and Storage

**Handling**

Use adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact.

**Storage**

Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.

## 8. Exposure Controls and Personal Protection

**Exposure Controls**

Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

**Eye Protection**

Safety goggles or glasses with side shields are recommended.

### **Skin Protection**

Wash at mealtimes and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

### **Respiratory Protection**

No respiratory protection should be needed with good local ventilation.

### **Precautionary Measures**

Avoid eye contact. Avoid skin contact. Use reasonable care.

### **Comment**

Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection.

### **Note**

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

## **9. Physical and Chemical Properties**

|                               |                  |
|-------------------------------|------------------|
| <b>Physical State</b>         | Paste            |
| <b>Specific Gravity</b>       | 1.032            |
| <b>Color/Appearance</b>       | Clear            |
| <b>Odor</b>                   | Acetic Acid Odor |
| <b>pH</b>                     | Not Determined   |
| <b>Boiling/Cond. Point</b>    | Not Determined   |
| <b>Melting/Freezing Point</b> | Not Determined   |
| <b>Solubility</b>             | Not Determined   |
| <b>Evaporation Rate</b>       | Not Determined   |
| <b>Viscosity</b>              | Not Determined   |
| <b>Vapor Density</b>          | Not Determined   |
| <b>Vapor Pressure</b>         | Not Determined   |

### **Note**

The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

## **10. Stability and Reactivity**

### **Chemical Stability**

Stable

### **Hazardous Polymerization**

Will not occur

### **Conditions to Avoid**

None

### **Materials to Avoid / Incompatibility**

Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous

vapors to form.

## 11. Toxicological Information

### Component Toxicology Information

No known applicable information.

### Special Hazard Information on Components

No known applicable information.

## 12. Ecological Information

### Environmental Fate and Distribution

Complete information is not yet available.

### Environmental Effects

Complete information is not yet available.

### Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

## 13. Disposal Considerations

### Waste Disposal Method

Incinerate or dispose of in an approved landfill in accordance with local and EPA regulations. Not a RCRA hazardous waste.

## 14. Transportation Information

### DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT.

### Ocean Shipment (IMDG)

Not subject to IMDG code.

### Air Shipment (IATA)

Not subject to IATA regulations.

## 15. Regulatory Information

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### TSCA Status

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**SARA Title III Section 302 Extremely Hazardous Substances**

None

**SARA Title III Section 304 CERCLA Hazardous Substances**

None

**SARA Title III Section 312 Hazard Class**

Acute: Yes

Chronic: No

Fire: No

Pressure: No

Reactive: No

**SARA Title III Section 313 Toxic Chemicals**

None present or none present in regulated quantities.

**California**

This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:

None known

**Massachusetts**

Silica, amorphous (7631-86-9)

**New Jersey**

Dimethyl siloxane, hydroxy-terminated (70131-67-8)

Ethyltriacetoxysilane (17689-77-9)

Methyltriacetoxysilane (4253-34-3)

Polydimethylsiloxane (63148-62-9)

Silica, amorphous (7631-86-9)

**Pennsylvania**

Dimethyl siloxane, hydroxy-terminated (70131-67-8)

Silica, amorphous (7631-86-9)

**16. Other Information**

**Disclaimer**

The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.