



Material Safety Data Sheet # 332

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

| NFPA | HMIS | PPE | Transport Symbol | | | | | | |
|---------------|--|---------------|------------------|-------------|---|------------|---|--|--|
| | <table border="1"><tr><td>Health Hazard</td><td>2</td></tr><tr><td>Fire Hazard</td><td>1</td></tr><tr><td>Reactivity</td><td>0</td></tr></table> | Health Hazard | 2 | Fire Hazard | 1 | Reactivity | 0 | | |
| Health Hazard | 2 | | | | | | | | |
| Fire Hazard | 1 | | | | | | | | |
| Reactivity | 0 | | | | | | | | |

Preparation Date 14-Jul-2006

Revision Date

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: HERCULES HIGH TEMPERATURE SILICONE

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

MSDS Date of Preparation: 4/19/06

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS No. | Percentage (wt.) | OSHA PEL | ACGIH TLV | Other limits |
|------------------------|------------|------------------|----------|-----------|--------------|
| Ethyltriacetoxysilane | 17689-77-9 | 1-5 % | 200 ppm | 200 ppm | |
| Methyltriacetoxysilane | 9003-56-9 | 1-5 % | n/a | n/a | |

HMIS Hazard Rating: 2 1 0 A

3. HAZARDS IDENTIFICATION

This product is a creamy red paste with acetic acid odor.

EMERGENCY OVERVIEW

When heated to temperatures above 150C in presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer and an irritant to eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by local ventilation.

Potential Health Effects.

Inhalation: Slight irritation of respiratory system. Overexposure may cause drowsiness.

Ingestion: May produce abdominal pain and nausea.

Eye: Causes moderate eye irritation and inflammation of conjunctiva.

Skin: Prolonged skin contact causes moderate irritation.

4. EMERGENCY AND FIRST AID PROCEDURES.

Eye: Immediately flush victim's eyes with large quantities of water, for at least 15 minutes, holding the eyelids apart. Get immediate medical attention.

Skin: Wash with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse. If irritation develops, get medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Get medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint: Not flammable.

Flammable Limits: LEL: n/a UEL: n/a

Autoignition Temperature: Not determined

Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide or water spray.

Unusual Fire or Explosion Hazards: When heated above 150C in presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer. Safe levels maybe maintained by local ventilation.

Special Fire-Fighting Instructions: Firefighters should wear positive pressure self-contained breathing apparatus and chemical goggles.

Hazardous Combustion Products: Carbon Dioxide and Carbon Monoxide, silicone dioxide and formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition. Ventilate area. Wear appropriate personal protection equipment. Absorb with inert absorbing material and dispose of with solid waste according to Federal, State and Local regulations. Wash spill area with water. Do not flush wash water into confined areas.

7. HANDLING AND STORAGE

Handling: Do not get in eyes, on skin or clothing. Avoid breathing vapors. Keep product away from oxidizing. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

Storage: Store in a cool, dry, well ventilated area away from incompatible materials. Keep containers closed and store way from excess moisture.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Avoid breathing vapors. In confined spaces, or in areas where adequate ventilation cannot be assured, use NIOSH-approved organic vapor respirator.

Engineering Controls: Use with general or local exhaust ventilation as required.

Skin Protection: Avoid skin contact. Wear rubber gloves.

Eye Protection: Safety glasses with side shields or Chemical Safety goggles when necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: creamy red paste with acetic acid odor.

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| Physical State: paste | Boiling Point: N/A |
| Vapor Density: not determined | Vapor Pressure: Not determined. |
| Solubility In Water: not soluble | Evaporation Rate: Not determined |
| Specific Gravity (77F/25C): 1.007 | Volatile Components: Not determined |
| Melting Point: N/A | |

