Material Safety Data Sheet

ITW Consumer - Devcon/Versachem

MEGA COPPER HIGH TEMP SILICONE GASKET MAKER

This product appears in the following stock number(s):
88839

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Tradename:** MEGA COPPER HIGH TEMP SILICONE GASKET MAKER

**General use:** When cured, these products are not hazardous. They cure by reacting with atmospheric moisture to slowly give off butanone oxime. Butanone oxime can be an irritant

**Chemical family:** Elastomeric rubber

**MANUFACTURER**
ITW Consumer - Devcon/Versachem
2107 West Blue Heron Blvd.
Riviera Beach, Florida 33404

**EMERGENCY INFORMATION**
Emergency telephone number
(Chemtel): (800) 255-3924
(Chemtel International): (+01) 813-248-0585
Other Calls: (561) 845-2425

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Abbr.</th>
<th>Weight%</th>
<th>ACGIH; TLV-TWA</th>
<th>OSHA PEL:</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8</td>
<td>n/e</td>
<td>&gt;40</td>
<td>n/e</td>
<td>n/e</td>
<td>n/e</td>
</tr>
<tr>
<td>LIMESTONE 1317-65-3</td>
<td>n/e</td>
<td>&gt;25</td>
<td>10 mg/m³</td>
<td>15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable)</td>
<td>n/e</td>
</tr>
<tr>
<td>POLYDIMETHYLSILOXANE 83148-62-9</td>
<td>n/e</td>
<td>≤20</td>
<td>n/e</td>
<td>n/e</td>
<td>n/e</td>
</tr>
<tr>
<td>VINYL OXIMINOSILANE 2224-33-1</td>
<td>n/e</td>
<td>≤5</td>
<td>n/e</td>
<td>n/e</td>
<td>n/e</td>
</tr>
<tr>
<td>2-BUTANONE OXIME 96-29-7</td>
<td>n/e</td>
<td>0.5-2.0</td>
<td>n/e</td>
<td>n/e</td>
<td>n/e</td>
</tr>
<tr>
<td>TRADE SECRET (Non-hazardous) MIXTURE</td>
<td>n/e</td>
<td>Balance</td>
<td>n/e</td>
<td>n/e</td>
<td>n/e</td>
</tr>
</tbody>
</table>

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identity is a trade secret of our supplier and unknown to us.

3. HAZARDOUS IDENTIFICATION

**Emergency Overview**

**Appearance, form, odor:** Copper-colored paste with mild odor

**CAUTION!!** Eye, skin and respiratory irritant. May be harmful if swallowed.

**Potential health effects**

**Primary Routes of Exposure:** Eye and skin contact, ingestion, inhalation

**Symptoms of acute overexposure**

**Skin:** May cause irritation and skin sensitization.

**Eyes:** May cause mild eye irritation
Inhalation: Causes irritation of the mouth, nose, and throat. Irritates mucous membranes. Excessive inhalation causes headache, dizziness, nausea and incoordination.

Ingestion: May cause gastric distress (nausea, vomiting, diarrhea).

Effects of Chronic Exposure: When heated to temperatures above 300 degrees F. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde.

Medical Conditions Recognized as Being Aggravated by Exposure: Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

4. FIRST AID MEASURES

Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin Contact: Wipe off paste with paper towel or cloth. Wash exposed area with soap and water. Seek medical attention if irritation persists.

Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion: Rinse mouth. Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, foam

Flash point: >200°F (93.3°C)  Method: TCC

Lower Explosive Limit: n/d  Upper Explosive Limit: n/d

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

Unusual Fire/Explosion Hazards: None.

Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime, Formaldehyde

6. ACCIDENTAL RELEASE MEASURES

Spill Control: Avoid personal contact. Ventilate area.

Containment: Dike, contain and absorb with clay, sand or other suitable material

Cleanup: Wipe or scrape up spill material. Clean up spill thoroughly as residue is slippery. Place in an appropriate waste container for disposal.

Special procedures: Prevent spill from entering drainage/sewer systems, waterways and surface water.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact with the skin and the eyes. Avoid breathing vapors or mists. Do not wear contact lenses. Do not ingest.

Storage: Store away from water or moisture.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:

Ventilation:
General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Other engineering controls: Eye wash station.

Personal protective equipment

Eye and face protection: Safety glasses with side shields

Skin protection: Rubber gloves.

Respiratory protection: With good ventilation, none required. An approved respirator (i.e.NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.3

Boiling Point: Not applicable, polymeric material

Melting point: n/d

Vapor Density (Air=1): 3.0

Vapor Pressure: <5 mmHg @ 80°F

Evaporation Rate: n/d

VOC: 4.75% by weight

Solubility in water: Polymerized

pH (5% solution or slurry in water): 7-8

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to Avoid: Exposure to moisture.

Incompatibilities: Polymerized by contact with moisture, Strong oxidizers, Acids, Iron

Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime, Formaldehyde

Conditions under which hazardous polymerization may occur: None.

11. TOXICOLOGICAL INFORMATION

Eye Contact: No data available.

Subchronic effects: No data available.

Carcinogenicity, teratogenicity and mutagenicity: Methyl ethyl ketoxime (MEKO) is formed upon contact with water or humid. Male rodents exposed to MEKO vapor throughout their lifetimes developed liver cancer. Until more data is available, exposure levels should be maintained as low as possible.

Other chronic effects: Not determined.

Toxicological information on hazardous chemical constituents of this product:

<table>
<thead>
<tr>
<th>Component</th>
<th>Oral LD50 (rat)</th>
<th>Dermal LD50 (rabbit)</th>
<th>Inhalation LC50 4hr (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8</td>
<td>n/d</td>
<td>n/d</td>
<td>n/d</td>
</tr>
<tr>
<td>Component</td>
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<tr>
<td>-----------</td>
<td>----------------</td>
<td>----------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>LIMESTONE</td>
<td>n/d</td>
<td>n/d</td>
<td>n/d</td>
</tr>
<tr>
<td>POLYDIMETHYLSILOXANE</td>
<td>n/d</td>
<td>n/d</td>
<td>n/d</td>
</tr>
<tr>
<td>VINYL OXIMINOSILANE</td>
<td>n/d</td>
<td>n/d</td>
<td>n/d</td>
</tr>
<tr>
<td>2-BUTANONE OXIME</td>
<td>n/d</td>
<td>n/d</td>
<td>n/d</td>
</tr>
<tr>
<td>TRADE SECRET (Non-hazardous) MIXTURE</td>
<td>n/d</td>
<td>n/d</td>
<td>n/d</td>
</tr>
</tbody>
</table>

'n/d' = not determined

12. ECOLOGICAL INFORMATION
Ecotoxicity: No data available.

Mobility and persistence: No data available.

Environmental fate: No data available.

13. DISPOSAL CONSIDERATIONS
Please see also Section 15, Regulatory Information.

Recommended Method of Disposal: If material becomes a waste, it would not be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state and local regulations.


14. TRANSPORT INFORMATION

Proper shipping name: Not regulated

Technical name: N/A

Hazard class: N/A

UN/ID Number: N/A

Packing group: N/A

Emergency Response Guide no: N/A

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:
All ingredients of this product are listed or are exempt from listing on the TSCA Inventory.

The following RCRA code(s) applies to this material if it becomes waste:
None

Regulatory status of hazardous chemical constituents of this product:

<table>
<thead>
<tr>
<th>Component</th>
<th>Extremely Hazardous*</th>
<th>Toxic Chemical**</th>
<th>CERCLA RQ (lbs)</th>
<th>12B EXPORT NOTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8</td>
<td>No</td>
<td>No</td>
<td>0.0</td>
<td>Not required</td>
</tr>
</tbody>
</table>
For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: Immediate health hazard, Delayed health hazard

California regulations: For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65), this product does not contain any listed chemical at or above the No Significant Risk Limit.

Canadian Regulations
WHMIS Hazard Class: D2B  TOXIC MATERIALS

16. OTHER INFORMATION

Hazardous Material Information System (HMIS) rating:
Health 1   Flammability 1   Physical Hazard 0

HMIS is a registered trademark of the National Paint and Coatings Assn.

Revision Date: November/04/2008
Revision Number: 3

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