1. PRODUCT AND COMPANY IDENTIFICATION

Product name: 569 Thread Sealant High Strength
Hydraulic Sealant
Anaerobic Sealant

IDH number: 135492
Item number: 56931
Region: United States

Contact Information:
Telephone: 888.571.5100
MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
TRANSPORT EMERGENCY Phone: CHEMTREC
1-800-424-9300 (toll free) or 1-703-527-3887
Internet: www.henkelna.com

Company address:
Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS: HEALTH: 2
FLAMMABILITY: 1
PHYSICAL HAZARD: 1
Personal Protection: See MSDS Section 8

WARNING: MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: May cause respiratory tract irritation.
Skin contact: May cause allergic skin reaction. May cause skin irritation.
Eye contact: May cause irritation.
Ingestion: Not expected to be harmful by ingestion.

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological Information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>CAS NUMBER</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>25862-47-5</td>
<td>30 - 60</td>
</tr>
<tr>
<td>Polyglycol dioctanoate</td>
<td>18268-70-7</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Methacrylic acid, isobutyl ester, polymer with butyly methacrylate</td>
<td>9011-53-4</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>80-16-9</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If symptoms develop and persist, get medical attention.
Skin contact: Wash with soap and water. Remove contaminated clothing and footwear. Wash clothing before reuse. If symptoms develop and persist, get medical attention.

Eye contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

Ingestion: Do not induce vomiting. Keep individual calm. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash point: > 93.3 °C (> 199.94 °F) Tagilabue closed cup

Autoignition temperature: Not available.

Flammable/Explosive limits - tower: Not available.

Flammable/Explosive limits - upper: Not available.

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: None


6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

Storage: For safe storage, store at or below 38 °C (100.4 °F) Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

For information on product shelf life contact Henkel Customer Service at (800) 243-4674.

For Information on product shelf life contact Henkel Canada Customer Service at (905) 614-6611.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

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### Hazardous components

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>AIHA WEEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Polyglycol diocotanate</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Methacrylic acid, isobutyl ester, polymer with butyl methacrylate</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>None</td>
<td>None</td>
<td>1 ppm (6 mg/m³) TWA (SKIN)</td>
<td>None</td>
</tr>
<tr>
<td>Cumene</td>
<td>60 ppm TWA</td>
<td>50 ppm (245 mg/m³) TWA (SKIN)</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**Engineering controls:**
No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.

**Respiratory protection:**
Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

**Eyes/face protection:**
Safety goggles or safety glasses with side shields.

**Skin protection:**
Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves, Butyl rubber gloves, Natural rubber gloves.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical state:** Liquid
- **Color:** Brown
- **Odor:** Mild
- **Odor threshold:** Not available.
- **pH:** Not applicable
- **Vapor pressure:** < 5 mm Hg (27°C (80.6°F))
- **Boiling point/range:** > 149°C (> 300.2°F)
- **Melting point/range:** Not available.
- **Specific gravity:** 1.049
- **Vapor density:** Not available.
- **Flash point:** > 93.3°C (> 199.9°F) Tagilabue closed cup
- **Flammable/Explosive limits - lower:** Not available.
- **Flammable/Explosive limits - upper:** Not available.
- **Autoignition temperature:** Not available.
- **Evaporation rate:** Not available.
- **Solubility in water:** Slight
- **Partition coefficient (n-octanol/water):** Not available.
- **VOC content:** 0.81 %; 7.74 g/l

### 10. STABILITY AND REACTIVITY

- **Stability:** Stable
- **Hazardous reactions:** Will not occur.
- **Hazardous decomposition products:** Oxides of carbon, Oxides of sulfur, Oxides of nitrogen. Irritating organic vapours.
- **Incompatible materials:** Strong oxidizing agents.
- **Conditions to avoid:** See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

### 11. TOXICOLOGICAL INFORMATION

- **Acute oral product toxicity:** LD50 (rat) > 5,000 mg/kg (Estimated)
- **Acute dermal product toxicity:** LD50 (rabbit) > 2,000 mg/kg (Estimated)
<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>NTP Carcinogen</th>
<th>IARC Carcinogen</th>
<th>OSHA Carcinogen (Specifically Regulated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Polyglycol diocetanoate</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Methacrylic acid, isobutyl ester, polymer with butyl methacrylate</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>No</td>
<td>Group 2B</td>
<td>No</td>
</tr>
<tr>
<td>Cumene</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Hazardous components</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Health Effects/Target Organs</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyglycol dimethacrylate</td>
<td></td>
<td>Irritant, Allergen</td>
<td></td>
</tr>
<tr>
<td>Polyglycol diocetanoate</td>
<td></td>
<td>Irritant</td>
<td></td>
</tr>
<tr>
<td>Methacrylic acid, isobutyl ester, polymer with butyl methacrylate</td>
<td></td>
<td>Irritant</td>
<td></td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td></td>
<td>Allergen, Central nervous system, Corrosive, Irritant, Mutagen</td>
<td></td>
</tr>
<tr>
<td>Cumene</td>
<td></td>
<td>Central nervous system, Irritant, Lung</td>
<td></td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION

Ecological Information: Not available.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: Not a RCRA hazardous waste.

### 14. TRANSPORT INFORMATION

**U.S. Department of Transportation Ground (49 CFR)**
- Proper shipping name: Not regulated
- Hazard class or division: None
- Identification number: None
- Packing group: None

**International Air Transportation (ICAO/ATA)**
- Proper shipping name: Not regulated
- Hazard class or division: None
- Identification number: None
- Packing group: None

**Water Transportation (IMO/IMDG)**
- Proper shipping name: Not regulated
- Hazard class or division: None
- Identification number: None
- Packing group: None

### 15. REGULATORY INFORMATION

**United States Regulatory Information**
- TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
- TSCA 12(b) Export Notification: None above reporting de minimus
- CERCLA/SARA Section 302 EHS: None above reporting de minimus
- CERCLA/SARA Section 311/312: Immediate Health, Delayed Health

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CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Cumene hydroperoxide (CAS# 80-15-9).

California Proposition 65: This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.


16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New information added in Section(s): 1, 3, 8, 11, 14, 15

Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs

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