1. PRODUCT AND COMPANY IDENTIFICATION

Product name: 50ML GRADE A SEALANT
Product type: Anaerobic Sealant
IDH number: 195899
Item number: 08831
Region: United States

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

Contact information:
Telephone: 860.571.5100

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:
Physical state: Liquid
Color: Red
Odor: Mild

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 skin irritation. May cause allergic skin reaction.
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>25852-47-5</td>
<td>60 - 100</td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>80-15-9</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Tributyl amine</td>
<td>102-82-9</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 not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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. Never give anything by mouth to an unconscious person. Keep individual calm. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash point: > 93.3 °C (> 199.94 °F) Tagliabue closed cup
Autoignition temperature: Not available.
Flammable/Explosive limits - lower: 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: Not available.

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) 243-4874.

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.
### 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).

### Eye/face protection:
Safety goggles or safety glasses with side shields.

### Skin protection:
Use impermeable gloves and protective clothing as necessary to prevent skin contact.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Red</td>
</tr>
<tr>
<td>Odor:</td>
<td>Mild</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>&lt; 5 mm hg (27 °C (80.6 °F))</td>
</tr>
<tr>
<td>Boiling point/range:</td>
<td>&gt; 149 °C (&gt; 300.2 °F)</td>
</tr>
<tr>
<td>Melting point/range:</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific gravity:</td>
<td>1.071</td>
</tr>
<tr>
<td>Vapor density:</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt; 93.3 °C (&gt; 199.94 °F) Tagliabue closed cup</td>
</tr>
<tr>
<td>Flammable/Explosive limits - lower:</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flammable/Explosive limits - upper:</td>
<td>Not available.</td>
</tr>
<tr>
<td>Autoignition temperature:</td>
<td>Not available.</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility in water:</td>
<td>Slight</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>Not available.</td>
</tr>
<tr>
<td>VOC content:</td>
<td>2.64 %; 25.17 g/l</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

- **Stability:** Stable
- **Hazardous reactions:** Will not occur.
- **Hazardous decomposition products:** Oxides of carbon. 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)
### 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

The shipping classification in this section are for bulk packaging only. Shipping classification may be different for non-bulk packaging as exceptions may apply. Refer to shipping documents for package specific transportation classification.

#### U.S. Department of Transportation Ground (49 CFR)

- **Proper shipping name:** Environmentally hazardous substances, liquid, n.o.s.
- **Hazard class or division:** 9
- **Identification number:** UN 3082
- **Packing group:** III
- **DOT Reportable quantity:** alpha,alpha-Dimethylbenzylhydroperoxide

#### International Air Transportation (ICAO/IATA)

- **Proper shipping name:** Environmentally hazardous substance, liquid, n.o.s.
- **Hazard class or division:** 9
- **Identification number:** UN 3082
- **Packing group:** III

#### Water Transportation (IMO/IMDG)

- **Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
- **Hazard class or division:** 9
- **Identification number:** UN 3082
- **Packing group:** III

### 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
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).

CERCLA Reportable quantity: Cumene hydroperoxide (CAS# 80-15-9) 10 lbs. (4.54 kg)

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

Canada Regulatory Information

CEPA DSL/NDSL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.


16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 1, 3, 8, 11, 14, 15

Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs

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