1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product name:</th>
<th>LOCTITE® 263™ THREADLOCKER</th>
<th>IDH number:</th>
<th>1330583</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product type:</td>
<td>Anaerobic</td>
<td>Item number:</td>
<td>1330583</td>
</tr>
<tr>
<td>Company address:</td>
<td>Henkel Corporation</td>
<td>Region:</td>
<td>United States</td>
</tr>
<tr>
<td>Customer:</td>
<td>Henkel Corporation</td>
<td>Contact information:</td>
<td></td>
</tr>
<tr>
<td>One Henkel Way</td>
<td>Rocky Hill, Connecticut 06067</td>
<td>Telephone:</td>
<td>860.571.5100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MEDICAL EMERGENCY Phone:</td>
<td>Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TRANSPORT EMERGENCY Phone:</td>
<td>CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Internet:</td>
<td><a href="http://www.henkelna.com">www.henkelna.com</a></td>
</tr>
</tbody>
</table>

2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

<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>Characteristic</td>
</tr>
</tbody>
</table>

**HMIS:**

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

**WARNING:**

- CAUSES EYE AND SKIN IRRITATION.
- MAY CAUSE ALLERGIC SKIN REACTION.
- MAY CAUSE RESPIRATORY TRACT IRRITATION.

**Related routes of exposure:** Skin, Inhalation, Eyes

**Potential Health Effects**

- **Inhalation:** May cause respiratory tract irritation.
- **Skin contact:** May cause allergic skin reaction. Irritating to skin.
- **Eye contact:** Contact with eyes will cause irritation. Pain and discomfort. Excess tearing.
- **Ingestion:** May be harmful if swallowed.

**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>Methacrylate monomer</td>
<td>Proprietary</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>25852-47-5</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Bisphenol A fumarate resin</td>
<td>39382-25-7</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Polyurethane Methacrylate Resin</td>
<td>Proprietary</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>109-16-0</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>80-15-9</td>
<td>1 - 5</td>
</tr>
<tr>
<td>1-Acetyl-2-phenylhydrazine</td>
<td>114-83-0</td>
<td>0.1 - 1</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: 100 °C (212°F) ; Estimated

Autoignition temperature: Not available.

Flammable/Explosive limits - lower: Not available.

Flammable/Explosive limits - upper: Not available.

Extinguishing media: If product is involved in fire extinguish with dry powder, foam or carbon dioxide.

Special firefighting procedures: Wear self contained breathing apparatus.

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. Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

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

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.
### Hazardous components

<table>
<thead>
<tr>
<th></th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>AIHA WEEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methacrylate monomer</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Bisphenol A fumarate resin</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Polyurethane Methacrylate Resin</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate</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>1-Acetyl-2-phenylhydrazine</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Cumene</td>
<td>50 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 a NIOSH approved supplied air respirator with an organic cartridge if the potential to exceed established exposure limits exists.

**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. Natural rubber gloves. Neoprene gloves. Butyl rubber gloves.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid

**Color:** Red

**Odor:** Characteristic

**Odor threshold:** Not available.

**pH:** Not available.

**Vapor pressure:** Not available.

**Boiling point/range:** Not available.

**Melting point/range:** Not available.

**Specific gravity:** 1.08 at 20 °C (68°F)

**Vapor density:** Not available.

**Flash point:** 100 °C (212°F) ; Estimated

**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:** 0.36 %

### 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** Oxides of carbon. Oxides of nitrogen. Irritating organic vapours.


**Conditions to avoid:** See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).
11. TOXICOLOGICAL INFORMATION

<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>Methacrylate monomer</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Bisphenol A fumarate resin</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Polyurethane Methacrylate Resin</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>1-Acetyl-2-phenylhydrazine</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Cumene</td>
<td>No</td>
<td>Group 2B</td>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>Health Effects/Target Organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methacrylate monomer</td>
<td>No Records</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>Irritant, Allergen</td>
</tr>
<tr>
<td>Bisphenol A fumarate resin</td>
<td>No Target Organs</td>
</tr>
<tr>
<td>Polyurethane Methacrylate Resin</td>
<td>Irritant, Allergen</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>Irritant, Allergen</td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>Allergen, Central nervous system, Corrosive, Irritant, Mutagen</td>
</tr>
<tr>
<td>1-Acetyl-2-phenylhydrazine</td>
<td>Allergen, Blood, Kidney, Mutagen, Some evidence of carcinogenicity</td>
</tr>
<tr>
<td>Cumene</td>
<td>Central nervous system, Irritant, Lung</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

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, Saccharin

**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

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)
- Saccharin (CAS# 81-07-2)

CERCLA Reportable quantity:
- Cumene hydroperoxide (CAS# 80-15-9) 10 lbs. (4.54 kg)
- Saccharin (CAS# 81-07-2) 100 lbs. (45.4 kg)

California Proposition 65: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. 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: 3, 8, 11, 14, 15

Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs

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