1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Threadlocker Stick Medium Strength  
IDH number: 506166
Product type: Anaerobic Sealant  
Item number: 37643
Region: United States
Company address: Henkel Corporation  
One Henkel Way  
Rocky Hill, Connecticut 06067
Contact information:  
Telephone: 860.571.5100  
Emergency telephone: 860.571.5100  
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>HMIS:</th>
<th>HEALTH:</th>
<th>FLAMMABILITY:</th>
<th>PHYSICAL HAZARD:</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>*2</td>
<td>1</td>
<td>1</td>
<td>See MSDS Section 8</td>
</tr>
</tbody>
</table>

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>25852-47-5</td>
<td>60 - 100</td>
</tr>
<tr>
<td>Thixotropic agent</td>
<td>Proprietary</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Polyglycol dioctanoate</td>
<td>18268-70-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Silica, amorphous, fumed, crystal-free</td>
<td>112945-52-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Saccharin</td>
<td>81-07-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>80-15-9</td>
<td>1 - 5</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. If symptoms develop and persist, get medical attention.
**Skin contact:** Remove contaminated clothing and footwear. Wash with soap and water. If symptoms develop and persist, get medical attention. Wash clothing before reuse.

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

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### 5. FIRE FIGHTING MEASURES

- **Flash point:** Product is a solid. Burn Rate: Greater than 7 cms (2.8 inches)
- **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:** None
- **Unusual fire or explosion hazards:** None

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### 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:** Ventilate area. Do not allow product to enter sewer or waterways.
- **Clean-up methods:** Scrape up spilled material and place in a closed container for 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.

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### 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>Hazardous components</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>Thixotropic agent</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Polyglycol dioctanoate</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Silica, amorphous, fumed, crystal-free</td>
<td>10 mg/m³ TWA Inhalable dust. 3 mg/m³ TWA Respirable fraction.</td>
<td>20 MPPCF TWA 0.8 mg/m³ TWA</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Saccharin</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>100 mg/m³ Ceiling 1 Aerosol.</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>
</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).

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

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical state:** Wax
- **Color:** Blue
- **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:** 1.1097
- **Vapor density:** Not available
- **Flash point:** Product is a solid. Burn Rate: Greater than 7 cm (2.8 inches)
- **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:** 7.85 %; 87.1 g/l EPA Method 24

### 10. STABILITY AND REACTIVITY

- **Stability:** Stable
- **Hazardous reactions:** Will not occur.
- **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) > 10,000 mg/kg (Estimated)
- **Acute dermal product toxicity:** LD₅₀ (rabbit) > 5,000 mg/kg
### Hazardous components

<table>
<thead>
<tr>
<th>Component</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>Thixotropic agent</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Polyglycol dioctanoate</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Silica, amorphous, fumed, crystal-free</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Saccharin</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Ethylene glycol</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>
</tbody>
</table>

### Health Effects/Target Organs

<table>
<thead>
<tr>
<th>Component</th>
<th>Effects/Target Organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyglycol dimethacrylate</td>
<td>Irritant, Allergen</td>
</tr>
<tr>
<td>Thixotropic agent</td>
<td>No Data</td>
</tr>
<tr>
<td>Polyglycol dioctanoate</td>
<td>Irritant</td>
</tr>
<tr>
<td>Silica, amorphous, fumed, crystal-free</td>
<td>Nuisance dust</td>
</tr>
<tr>
<td>Saccharin</td>
<td>No Target Organs</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic</td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>Allergen, Central nervous system, Corrosive, Irritant, Mutagen</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:** Not regulated
- **Hazard class or division:** None
- **Identification number:** None
- **Packing group:** None

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

- **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
Immediate Health, Delayed Health

CERCLA/SARA Section 311/312: 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). Ethylene glycol (CAS# 107-21-1). Cumene hydroperoxide (CAS# 80-15-9).

CERCLA/SARA 313: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

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 Material Safety Data Sheet format.

Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs  For Safety and Regulatory information contact: Regulatory Affairs Rocky Hill, CT 860-571-5204

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