1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Bearing Mount Stick High Temperature
Product type: Anaerobic Adhesive
Company address: Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No.: 39150
Region: United States
Contact Information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>%</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maleimide Resin 3006-93-7</td>
<td>10-30</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Thixotropic agent UNKNOWN</td>
<td>10-30</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Hydroxyalkyl methacrylate 27813-02-1</td>
<td>5-10</td>
<td>None</td>
<td>None</td>
<td>1 ppm TWA; 3 ppm STEL</td>
</tr>
<tr>
<td>Cumene hydroperoxide 80-15-9</td>
<td>1-5</td>
<td>None</td>
<td>None</td>
<td>1 ppm (6 mg/m³) Skin (WEEL)</td>
</tr>
<tr>
<td>1-Acetyl-2-phenylhydrazine 114-83-0</td>
<td>0.1-1</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Aromatic dimethacrylate ester 24448-20-2</td>
<td>30-60</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Silica, amorphous, fumed, crystalline-free 112945-52-5</td>
<td>1-5</td>
<td>6 mg/m³ TWA</td>
<td>10 mg/m³ TWA</td>
<td>3 mg/m³ TWA respirable dust</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate Proprietary</td>
<td>10-30</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

<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 Section 8</td>
</tr>
</tbody>
</table>

WARNING: CAUSES EYE AND SKIN IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Relevant routes of exposure: Skin, Inhalation, Eyes

Item No.: 39150
Potential Health Effects

Inhalation: May cause respiratory tract irritation.
Skin contact: May cause allergic skin reaction. Irritating to skin. May cause skin irritation with discomfort or rash.
Eye contact: Contact with eyes will cause irritation.
Ingestion: May be harmful if swallowed.

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

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.
Skin contact: Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
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. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point: Not classified as a flammable solid per DOT Classification Guidelines Part 173 Appendix H 7/10/2002.
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 fire fighting 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

Environmental precautions: Prevent product from entering drains or open waters.
Clean-up methods: Ensure adequate ventilation. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.
7. HANDLING AND STORAGE

Handling:
Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

Storage:
For safe storage, store at or below 38°C (100°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

Incompatible products:
Refer to Section 10.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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).

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

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

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Semi-solid
Color: Green
Odor: Mild
Vapor pressure: Less than 5 mm Hg at 27ºC (80ºF)
PH: Not applicable
Boiling point/range: Greater than 149ºC (300ºF)
Melting point/range: Not available
Specific gravity: 1.1228
Vapor density: Not available
Evaporation rate: Not available
Solubility in water: Slight
Partition coefficient (n-octanol/water): Not available
VOC content: 0.7898%; 8.86 grams/liter

10. STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.


Incompatability:

Conditions to avoid: See "Handling and Storage" (Section 7) and "Incompatability" (Section 10).

11. TOXICOLOGICAL INFORMATION

Product toxicity data:
Acute oral LD50 greater than 10, 000 mg/kg (rat). Acute dermal LD50 greater than 2000 mg/kg (rabbit) (estimated).

Carcinogen Status

Item No.: 39150
Product name: Bearing Mount Stick High Temperature
<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>NTP Carcinogen</th>
<th>IARC Carcinogen</th>
<th>OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maleimide Resin</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>3006-93-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thixotropic agent</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>UNKNOWN</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydroxyalkyl methacrylate</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>27813-02-1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>80-15-9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-Acetyl-2-phenylhydrazine</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>114-83-0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aromatic dimethacrylate ester</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>24448-20-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silica, amorphous, fumed, crystalline-free</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>112945-52-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyglycol dimethacrylate Proprietary</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**Literature Referenced Target Organ & Other Health Effects**

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>Health Effects/Target Organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maleimide Resin</td>
<td>No Target Organs</td>
</tr>
<tr>
<td>3006-93-7</td>
<td></td>
</tr>
<tr>
<td>Thixotropic agent</td>
<td>No data</td>
</tr>
<tr>
<td>UNKNOWN</td>
<td></td>
</tr>
<tr>
<td>Hydroxyalkyl methacrylate</td>
<td>Allergen, Irritant</td>
</tr>
<tr>
<td>27813-02-1</td>
<td></td>
</tr>
<tr>
<td>Cumene hydroperoxide</td>
<td>Allergen, Central nervous system, Corrosive, Irritant, Mutagen</td>
</tr>
<tr>
<td>80-15-9</td>
<td></td>
</tr>
<tr>
<td>1-Acetyl-2-phenylhydrazine</td>
<td>Allergen, Blood, Kidney, Mutagen, Some evidence of carcinogenicity</td>
</tr>
<tr>
<td>114-83-0</td>
<td></td>
</tr>
<tr>
<td>Aromatic dimethacrylate ester</td>
<td>Allergen, Irritant</td>
</tr>
<tr>
<td>24448-20-2</td>
<td></td>
</tr>
<tr>
<td>Silica, amorphous, fumed, crystalline-free</td>
<td>Nuisance dust</td>
</tr>
<tr>
<td>112945-52-5</td>
<td></td>
</tr>
<tr>
<td>Polyglycol dimethacrylate Proprietary</td>
<td>Allergen, Irritant</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: Dispose of according to Federal, State and local governmental regulations.

EPA hazardous waste number: Not a RCRA hazardous waste.

**14. TRANSPORT INFORMATION**

**U.S. Department of Transportation Ground (49 CFR):**
- Proper shipping name: Unrestricted
- Hazard class or division: None
- Identification number: None
- Packing group: None

**International Air Transportation (ICAO/IATA):**
- Proper shipping name: Unrestricted
- Hazard class or division: None
- Identification number: None
- Packing group: None

Item No.: 39150

Product name: Bearing Mount Stick High Temperature
**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:** N-Methyl-2-pyrrolidone (CAS# 872-50-4). 4-Methoxyphenol (150-76-5).

**CERCLA/SARA Section 302 EHS:** None above reporting de minimus.

**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed Health Hazard

**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 to the State of California to cause cancer and birth defects or other reproductive harm.

**Canada Regulatory Information**

**CEPA DSL/NDSL Status:** Contains one or more components listed on the Non-Domestic Substances list.

**WHMIS hazard class:** D.2.B

**16. OTHER INFORMATION**

This material safety data sheet contains changes from the previous version in sections: 9

**Prepared by:** Kyra Kozak Woods, Product Safety and Regulatory Affairs Specialist

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