Material Safety Data Sheet

Revision Date: 01/25/2006

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: 567(TM) Thread Sealant PST® Pipe Sealant With PTFE
Item No.: 56707
Product type: Anaerobic Sealant
Company address:
Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Region: United States
Contact Information:
Telephone: 880.571.5100
Emergency telephone: 880.571.5100
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>Bisphenol A fumarate resin 39382-25-7</td>
<td>30-60</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate 25852-47-5</td>
<td>10-30</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Polyglycol laurate 9006-81-3</td>
<td>10-30</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Polyethylene glycol monooctoate 61791-29-5</td>
<td>10-30</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Poly(tetrafluoroethylene) 9002-84-0</td>
<td>5-10</td>
<td>None</td>
<td>None</td>
<td>AEL (DuPont): 10 mg/m³, 8 Hr TWA, total dust; 5mg/m³, 8 hr. TWA respirable dust</td>
</tr>
<tr>
<td>Poly(ethylene) 9002-89-4</td>
<td>5-10</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>1-5</td>
<td>10 mg/m³ TWA</td>
<td>15 mg/m³ TWA total dust</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>Saccharin 81-07-2</td>
<td>1-5</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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

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

Relevant routes of exposure: Skin, Inhalation, Eyes
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Potential Health Effects

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

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: Greater than 93°C (200°F) Tagilabue 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 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: Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

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7. HANDLING AND STORAGE

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

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.

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

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Paste
Color: White
Odor: Mild
Vapor pressure: Less than 5 mm Hg at 27°C (80°F)
pH: Not applicable
Boiling point/Range: Greater than 149°C (300°F)
Melting point/Range: Not available
Specific gravity: 1.14
Vapor density: Not available
Evaporation rate: Not available
Solubility in water: Slight
Partition coefficient (n-octanol/water): Not available
VOC content: 0.128%, 1.3841 grams/liter

10. STABILITY AND REACTIVITY

Stability: Stable.
Hazardous polymerization: Will not occur.


Conditions to avoid: Exposure to sunlight. Heat, flames and sparks. See "Handling and Storage" (Section 7) and "Incompatibility" (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: 

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<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>NTP Carcinogen</th>
<th>IARC Carcinogen</th>
<th>OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol A fumarate resin 90320-25-7</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate 25852-47-5</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Polyglycol laurate 9004-81-3</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Polyethylene glycol monooctoate 61791-29-6</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Poly(tetrafluoroethylene) 9002-84-0</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Poly(ethylene) 9002-88-4</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Silica, amorphous, fumed, crystalline-free 112945-52-5</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Saccharin 81-07-2</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>Bisphenol A fumarate resin 90320-25-7</td>
<td>Allergen, Irritant</td>
</tr>
<tr>
<td>Polyglycol dimethacrylate 25852-47-5</td>
<td>Allergen, Irritant</td>
</tr>
<tr>
<td>Polyglycol laurate 9004-81-3</td>
<td>Allergen, Irritant</td>
</tr>
<tr>
<td>Polyethylene glycol monooctoate 61791-29-6</td>
<td>No Target Organs</td>
</tr>
<tr>
<td>Poly(tetrafluoroethylene) 9002-84-0</td>
<td>No Target Organs</td>
</tr>
<tr>
<td>Poly(ethylene) 9002-88-4</td>
<td>No Target Organs</td>
</tr>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>Irritant, Respiratory</td>
</tr>
<tr>
<td>Silica, amorphous, fumed, crystalline-free 112945-52-5</td>
<td>Nuisance dust</td>
</tr>
<tr>
<td>Saccharin 81-07-2</td>
<td>No Target Organs</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 hazardous

**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                                           |

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Packing group: None

WaterTransportation (IMO/IMDG):
- Proper shipping name: Unrestricted
- Hazard class or division: None
- Identification number: None
- Packing group: None
- Marine pollutant: 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: 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
- None above reporting de minimus.

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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