



Revision Number: 004.0

Issue date: 09/04/2012

1. PRODUCT AND COMPANY IDENTIFICATION

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|-------------------------|--|-----------------------------|--|
| Product name: | LOCTITE® 567™ PST® PIPE SEALANT WITH PTFE THREAD SEALANT PART NO. 56747 | IDH number: | 135491 |
| Product type: | Anaerobic Sealant | Item number: | 56747 |
| Company address: | Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067 | Region: | United States |
| | | 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

| | | | |
|------------------------|--|-------------------------|--|
| Physical state: | Paste | HMIS: | |
| Color: | White | HEALTH: | *2 |
| Odor: | Mild | FLAMMABILITY: | 1 |
| | | PHYSICAL HAZARD: | 1 |
| WARNING: | CAUSES EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE RESPIRATORY TRACT IRRITATION. | | Personal Protection: See MSDS Section 8 |

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: | Contact with eyes will 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

| Hazardous components | CAS NUMBER | % |
|--|-------------|---------|
| Bisphenol A fumarate resin | 39382-25-7 | 30 - 60 |
| Polyglycol dimethacrylate | 25852-47-5 | 10 - 30 |
| Polyglycol laurate | 9004-81-3 | 10 - 30 |
| Polyethylene glycol monococoate | 61791-29-5 | 10 - 30 |
| Ethene, tetrafluoro-, homopolymer | 9002-84-0 | 5 - 10 |
| Titanium dioxide | 13463-67-7 | 1 - 5 |
| Silica, amorphous, fumed, crystal-free | 112945-52-5 | 1 - 5 |
| Saccharin | 81-07-2 | 1 - 5 |
| Ethylene glycol | 107-21-1 | 0.1 - 1 |
| Cumene | 98-82-8 | 0.1 - 1 |

4. FIRST AID MEASURES

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|----------------------|---|
| 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. 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: | > 93.3 °C (> 199.94 °F) |
| 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: | None |
| Hazardous combustion products: | Oxides of carbon. Oxides of nitrogen. Oxides of sulfur. Toxic fluorine compounds. Irritating organic vapours. |

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.

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 | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|--|--|-------------------------------------|-----------|--|
| Bisphenol A fumarate resin | None | None | None | None |
| Polyglycol dimethacrylate | None | None | None | None |
| Polyglycol laurate | None | None | None | None |
| Polyethylene glycol monocoate | None | None | None | None |
| Ethene, tetrafluoro-, homopolymer | None | None | None | 10 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction. |
| Titanium dioxide | 10 mg/m3 TWA | 15 mg/m3 TWA Total dust. | None | None |
| Silica, amorphous, fumed, crystal-free | 10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction. | 20 MPPCF TWA 0.8 mg/m3 TWA | None | None |
| Saccharin | None | None | None | None |
| Ethylene glycol | 100 mg/m3 Ceiling Aerosol. | None | None | None |
| Cumene | 50 ppm TWA | 50 ppm (245 mg/m3) TWA (SKIN) | None | None |

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: Neoprene, Butyl-rubber, or nitrile-rubber gloves. Use impermeable gloves and protective clothing as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|-----------------------------|
| Physical state: | Paste |
| Color: | White |
| Odor: | Mild |
| Odor threshold: | Not available. |
| pH: | Not applicable |
| Vapor pressure: | < 5 mm hg (27 °C (80.6 °F)) |
| Boiling point/range: | > 300 °F (> 148.9 °C) None |
| Melting point/ range: | Not available. |
| Specific gravity: | 1.14 |
| Vapor density: | Not available. |
| Flash point: | > 93.3 °C (> 199.94 °F) |
| 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: 0.13 %; 1.38 g/l

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous reactions: Will not occur.
Hazardous decomposition products: Oxides of nitrogen. Oxides of carbon. Oxides of sulfur. Toxic fluorine compounds. Phenolics. Irritating organic vapours.
Incompatible materials: Free radical initiators. Amines. Aldehydes. Alkalis. copper Aluminum. Rust. Bases. Acids. Strong oxidizing agents. Peroxides. Iron. Reducing agents. Zinc.
Conditions to avoid: Heat, flames, sparks and other sources of ignition. See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10). Exposure to sunlight.

11. TOXICOLOGICAL INFORMATION

Acute oral product toxicity: LD50 (rat) > 10,000 mg/kg
Acute dermal product toxicity: LD50 (rabbit) > 2,000 mg/kg

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|---|
| Bisphenol A fumarate resin | No | No | No |
| Polyglycol dimethacrylate | No | No | No |
| Polyglycol laurate | No | No | No |
| Polyethylene glycol monococoate | No | No | No |
| Ethene, tetrafluoro-, homopolymer | No | No | No |
| Titanium dioxide | No | Group 2B | No |
| Silica, amorphous, fumed, crystal-free | No | No | No |
| Saccharin | No | No | No |
| Ethylene glycol | No | No | No |
| Cumene | No | Group 2B | No |

| Hazardous components | Health Effects/Target Organs |
|--|---|
| Bisphenol A fumarate resin | No Target Organs |
| Polyglycol dimethacrylate | Irritant, Allergen |
| Polyglycol laurate | Allergen, Irritant |
| Polyethylene glycol monococoate | No Target Organs |
| Ethene, tetrafluoro-, homopolymer | No Target Organs |
| Titanium dioxide | Irritant, Respiratory, Some evidence of carcinogenicity |
| Silica, amorphous, fumed, crystal-free | Nuisance dust |
| Saccharin | No Target Organs |
| Ethylene glycol | Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic |
| Cumene | Central nervous system, Irritant, Lung |

12. ECOLOGICAL INFORMATION

Ecological information: Do not empty into drains / surface water / ground water.

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 classifications in this sections are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

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 minimis
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health
CERCLA/SARA 313: None above reporting de minimis
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: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
WHMIS hazard class: D.2.A, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 1, 3, 7, 8, 11

Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs

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