



Revision Number: 002.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite Polyseamseal Tub & Tile Adhesive Caulk
Product type: Sealant
Company address: Henkel Corporation, One Henkel Way, Rocky Hill, Connecticut 06067
IDH number: 1515861 1515862
Region: United States
Contact information: Telephone: 800.624.7767
 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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

| | | | |
|------------------------|---------|-----------------------------|--------------------|
| Physical state: | pasty | HEALTH: | 1 |
| Color: | white | FLAMMABILITY: | 2 |
| Odor: | Acetate | PHYSICAL HAZARD: | 0 |
| | | Personal Protection: | See MSDS Section 8 |

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Skin, Inhalation

Potential Health Effects

Inhalation: Inhalation of vapors from uncured sealant may cause respiratory tract irritation. Contains crystalline silica (quartz), which is classified as a possible carcinogen. However, the crystalline silica present in this product is encapsulated in the liquid and will only be liberated if the product is sanded or abraded, and even then what is liberated will not be pure crystalline silica. Appropriate precautions, however, should be taken if the product is sanded or abraded to prevent personnel from breathing the dust.

Skin contact: Prolonged or repeated contact with uncured sealant may cause skin irritation.

Eye contact: Contact with uncured product may irritate the eyes.

Ingestion: Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Existing conditions aggravated by exposure: Pre-existing skin, eye and respiratory allergies.

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 | % |
|--------------------------|------------|---------|
| Oxydiethylene dibenzoate | 120-55-8 | 1 - 5 |
| Ethylene glycol | 107-21-1 | 1 - 5 |
| Titanium dioxide | 13463-67-7 | 1 - 5 |
| Oxydipropyl dibenzoate | 27138-31-4 | 1 - 5 |
| Acetone | 67-64-1 | 1 - 5 |
| n-Butyl acetate | 123-86-4 | 1 - 5 |
| Quartz (SiO2) | 14808-60-7 | 0.1 - 1 |

4. FIRST AID MEASURES

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|----------------------|---|
| Inhalation: | Move to fresh air. If symptoms persist, seek medical advice. |
| Skin contact: | Wash affected area immediately with soap and water. If symptoms develop and persist, get medical attention. |
| Eye contact: | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention. |
| Ingestion: | Rinse out mouth. Do not drink. Never give anything by mouth to an unconscious person. If adverse health effects develop seek medical attention. |

5. FIRE FIGHTING MEASURES

| | |
|--|--|
| Flash point: | 174 °F (78.89 °C) Pensky Martens closed cup |
| Autoignition temperature: | Not available |
| Flammable/Explosive limits - lower: | Not available |
| Flammable/Explosive limits - upper: | Not available |
| Extinguishing media: | Water spray (fog), foam, dry chemical or carbon dioxide. |
| Special firefighting procedures: | Water may be unsuitable as an extinguishing media, but may be helpful in keeping adjacent containers cool. |
| Unusual fire or explosion hazards: | This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a slight fire hazard. |
| Hazardous combustion products: | Carbon dioxide Carbon monoxide. Oxides of nitrogen. Oxides of hydrocarbons. |

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

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|-----------------------------------|--|
| Environmental precautions: | Ventilate area. Do not allow product to enter sewer or waterways. |
| Clean-up methods: | Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Absorb spill with inert material. Shovel material into appropriate container for disposal. Wear appropriate protective equipment and clothing during clean-up. |

7. HANDLING AND STORAGE

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|------------------|---|
| Handling: | Avoid contact with eyes. Avoid prolonged or repeated skin contact with this material. Use only with adequate ventilation. Wash hands before breaks and immediately after handling the product. Keep out of the reach of children. |
| Storage: | Keep from freezing. |

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

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 |
|----------------------------|---|--|-----------|-------|
| Oxydiethylene dibenzoate | None | None | None | None |
| Ethylene glycol | 100 mg/m3 Ceiling Aerosol. | None | None | None |
| Titanium dioxide | 10 mg/m3 TWA | 15 mg/m3 TWA Total dust. | None | None |
| Oxydipropyl dibenzoate | None | None | None | None |
| Acetone | 500 ppm TWA 750 ppm STEL | 1,000 ppm (2,400 mg/m3) TWA | None | None |
| n-Butyl acetate | 150 ppm TWA 200 ppm STEL | 150 ppm (710 mg/m3) TWA | None | None |
| Quartz (SiO ₂) | 0.025 mg/m3 TWA Respirable fraction. | 2.4 MPPCF TWA Respirable. 0.1 mg/m3 TWA Respirable. 0.3 mg/m3 TWA Total dust. | None | None |

| | |
|--------------------------------|--|
| Engineering controls: | Use local exhaust ventilation. |
| Respiratory protection: | No personal respiratory protective equipment normally required. |
| Eye/face protection: | None required in normal use. |
| Skin protection: | Use impermeable gloves and protective clothing as necessary to prevent skin contact. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Physical state: | pasty |
| Color: | white |
| Odor: | Acetate |
| Odor threshold: | Not available |
| pH: | 6.5 - 7.5 |
| Vapor pressure: | 17.5 mbar (20 °C (68°F)) no method |
| Boiling point/range: | > 100 °C (> 212°F) |
| Melting point/ range: | Not available |
| Specific gravity: | 1.3 |
| Vapor density: | Heavier than air, (Air = 1) |
| Flash point: | 174 °F (78.89 °C) Pensky Martens closed cup |
| Flammable/Explosive limits - lower: | Not available |
| Flammable/Explosive limits - upper: | Not available |
| Autoignition temperature: | Not available |
| Evaporation rate: | 0.3 (Butyl acetate = 1) |
| Solubility in water: | Soluble |
| Partition coefficient (n-octanol/water): | Not available |
| VOC content: | 1.15 %; 152 g/l (calculated) |
| Viscosity: | 112,000 - 160,000 cp |

10. STABILITY AND REACTIVITY

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| Stability: | Stable under normal conditions of storage and use. Stable under normal conditions of storage and use. |
| Hazardous reactions: | Will not occur. Will not occur. |
| Hazardous decomposition products: | Carbon dioxide. Carbon monoxide. Oxides of nitrogen. Hydrocarbons. Carbon dioxide. Carbon monoxide. Oxides of nitrogen. Hydrocarbons. |
| Incompatible materials: | Not available |
| Conditions to avoid: | None known Keep away from open flames, hot surfaces and sources of ignition. |

11. TOXICOLOGICAL INFORMATION

Product toxicity data:

Henkel is not aware of any toxicity data on the specific mixture of chemical components contained in this product.

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|----------------------------|-------------------|-----------------|---|
| Oxydiethylene dibenzoate | No | No | No |
| Ethylene glycol | No | No | No |
| Titanium dioxide | No | Group 2B | No |
| Oxydipropyl dibenzoate | No | No | No |
| Acetone | No | No | No |
| n-Butyl acetate | No | No | No |
| Quartz (SiO ₂) | Known carcinogen. | Group 1 | No |

| Hazardous components | Health Effects/Target Organs |
|----------------------------|---|
| Oxydiethylene dibenzoate | No Target Organs |
| Ethylene glycol | Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic |
| Titanium dioxide | Irritant, Respiratory, Some evidence of carcinogenicity |
| Oxydipropyl dibenzoate | No Target Organs |
| Acetone | Blood, Central nervous system, Irritant, Reproductive |
| n-Butyl acetate | Irritant, Central nervous system |
| Quartz (SiO ₂) | Immune system, Lung, Some evidence of carcinogenicity |

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.

Hazardous waste number:

It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery Act (RCRA) at the time of disposal. Product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics of the Toxicity Characteristics Leaching Procedure (TCLP) 40 CFR 261.20-24.

14. TRANSPORT INFORMATION

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/MDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

United States Regulatory Information

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|--|---|
| 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 |
| 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). Ethylene glycol (CAS# 107-21-1). |
| 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. |
| WHMIS hazard class: | B.3, D.2.A |

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

Prepared by: Mary Ellen Roddy, Sr. Regulatory Affairs Specialist

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