



Revision Number: 002.1

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**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** Loctite Polyseamseal Tub and Tile Adhesive Caulk  
**Product type:** Sealant  
**Company address:** Henkel Corporation, One Henkel Way, Rocky Hill, Connecticut 06067  
**IDH number:** 1723253  
**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**

<b>Physical state:</b>	pasty	<b>HEALTH:</b>	1
<b>Color:</b>	white	<b>FLAMMABILITY:</b>	2
<b>Odor:</b>	Acetate	<b>PHYSICAL HAZARD:</b>	0
		<b>Personal Protection:</b>	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	%
Ethylene glycol	107-21-1	1 - 5
Titanium dioxide	13463-67-7	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

<b>Inhalation:</b>	Move to fresh air. If symptoms persist, seek medical advice.
<b>Skin contact:</b>	Wash affected area immediately with soap and water. If symptoms develop and persist, get medical attention.
<b>Eye contact:</b>	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
<b>Ingestion:</b>	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

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

<b>Environmental precautions:</b>	Ventilate area. Do not allow product to enter sewer or waterways.
<b>Clean-up methods:</b>	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

<b>Handling:</b>	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.
<b>Storage:</b>	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
Ethylene glycol	100 mg/m3 Ceiling Aerosol.	None	None	None
Titanium dioxide	10 mg/m3 TWA	15 mg/m3 TWA Total dust.	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 <sub>2</sub> )	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

**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:** None expected.

**Conditions to avoid:** None known Keep away from open flames, hot surfaces and sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Ethylene glycol	No	No	No
Titanium dioxide	No	Group 2B	No
Acetone	No	No	No
n-Butyl acetate	No	No	No
Quartz (SiO <sub>2</sub> )	Known To Be Human Carcinogen.	Group 1	No

Hazardous components	Health Effects/Target Organs
Ethylene glycol	Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic
Titanium dioxide	Irritant, Respiratory, Some evidence of carcinogenicity
Acetone	Blood, Central nervous system, Irritant, Reproductive
n-Butyl acetate	Irritant, Central nervous system
Quartz (SiO <sub>2</sub> )	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/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  
**CERCLA/SARA Section 311/312:** Immediate Health, Fire  
**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/NDL 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:** Updated composition in Section 3.

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