



Revision Date: 04/29/2003

Print date: 04/30/2003

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** Loctite(R) PST(R) 561 Pipe Sealant Stick  
**Product type:** Anaerobic Sealant  
**Company address:**  
Henkel Loctite Corporation  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut 06067  
Telephone: (860) 571-5100  
Emergency telephone: (860) 571-5100

**Item number:** 37127  
**Region:** United States

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Polyglycol dimethacrylate	10-30	None	None	
Aromatic dimethacrylate ester	5-10	None	None	None
Fumarate resin	5-10	None	None	None
Cumene hydroperoxide 80-15-9	1-5	None	None	1 ppm (6 mg/m <sup>3</sup> ) Skin (WEEL)
Ethylene glycol 107-21-1	1-5	100 mg/m <sup>3</sup> Ceiling (aerosol only)	None	None
Inert filler	1-5	6 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> TWA	3 mg/m <sup>3</sup> TWA respirable dust
Inorganic oxide	1-5	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA (total dust)	None
Methacrylate ester	1-5	None	None	None
Waxy polymer	1-5	None	None	AEL (DuPont): 10 mg/m <sup>3</sup> , 8 Hr TWA, total dust; 5mg/m <sup>3</sup> , 8 hr. TWA respirable dust

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

HMIS:

**Physical state:** Wax  
**Color:** White  
**Odor:** Mild

**HEALTH:** 1\*  
**FLAMMABILITY:** 1  
**PHYSICAL HAZARD:** 1  
**Personal Protection:** See Section 8

**Relevant routes of exposure:** Skin, Inhalation, Eyes

**Item number:** 37127

**Product name:** Loctite(R) PST(R) 561 Pipe Sealant Stick

## Potential Health Effects

**Inhalation:** May cause respiratory tract irritation. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. May cause symptoms of intoxication.  
**Skin contact:** 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:** None known

**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:** Product is a solid. Flame Extension: Greater than 7.0 cms (2.8 inches)

**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:** None

**Unusual fire or explosion hazards:** None

**Hazardous combustion products:** Oxides of carbon. Toxic fluorine compounds. Irritating organic vapors.

## **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.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with eyes, skin and clothing. Use only with adequate ventilation.
<b>Storage:</b>	For safe storage, store at or below 38°C (100°F).
<b>Incompatible products:</b>	Refer to Section 10.

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
<b>Skin protection:</b>	Use impermeable gloves and protective clothing as necessary to prevent skin contact.
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Wax
<b>Color:</b>	White
<b>Odor:</b>	Mild
<b>Vapor pressure:</b>	Less than 10 mm Hg at 27°C (80°F)
<b>pH:</b>	Not applicable
<b>Boiling point/range:</b>	Greater than 149°C (300°F)
<b>Melting point/range:</b>	Not available
<b>Specific gravity:</b>	1.1394
<b>Vapor density:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Solubility in water:</b>	Slight
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	6.95%; 79.2 grams/liter (EPA Method 24),

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Toxic fluorine compounds. Irritating organic vapors.
<b>Incompatibility:</b>	Strong oxidizers.
<b>Conditions to avoid:</b>	See "Handling and Storage" (Section 7) and "Incompatibility" in Section 10.

## 11. TOXICOLOGICAL INFORMATION

<b>Product toxicity data:</b>	Acute LD50 (oral) :Greater than 10000 (rat). (estimated). Acute dermal LD50 greater than 5000 mg/kg (rabbit)(estimated).
-------------------------------	--

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Polyglycol dimethacrylate	No	No	No
Aromatic dimethacrylate ester	No	No	No
Fumarate resin	No	No	No
Cumene hydroperoxide	No	No	No
Ethylene glycol	No	No	No
Inert filler	No	No	No
Inorganic oxide	No	No	No
Methacrylate ester	No	No	No
Waxy polymer	No	No	No

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

Hazardous components	Health Effects/Target Organs
Polyglycol dimethacrylate	Allergen, Irritant
Aromatic dimethacrylate ester	Allergen, Irritant
Fumarate resin	Allergen, Irritant
Cumene hydroperoxide	Allergen, Central nervous system, Corrosive, Irritant, Mutagen
Ethylene glycol	Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic
Inert filler	Nuisance dust
Inorganic oxide	Irritant, Respiratory
Methacrylate ester	No data
Waxy polymer	No Target Organs

**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. DOT 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

**Water Transportation (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:** Cyclohexane (CAS# 110-82-7).

**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, birth defects or other reproductive harm. Lead (CAS# 7439-92-1). Ethylene oxide (CAS# 75-21-8). Acetaldehyde (CAS# 75-07-0). 1,4-Dioxane (CAS# 123-91-1).

### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the 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:**  
New Material Safety Data Sheet format.

**Prepared by:** Stephen Repetto, Senior Health & Regulatory Affairs Specialist

**DISCLAIMER:** The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Loctite Corporation does not assume responsibility for any results obtained by persons over whose methods Henkel Loctite Corporation has no control. It is the user's responsibility to determine the suitability of Henkel Loctite's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Henkel Loctite Corporation's products. In light of the foregoing, Henkel Loctite Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel Loctite Corporation's products. Henkel Loctite Corporation further disclaims any liability for consequential or incidental damages of any kind, including lost profits.