



Revision Number: 003.1

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**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** LOCTITE® Quickstix™ 561™ PST®  
**Pipe Sealant with PTFE**  
**Product type:** Anaerobic Sealant  
**Company address:** Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067

**IDH number:** 463973  
**Item number:** 37127  
**Region:** United States  
**Contact information:**  
 Telephone: 860.571.5100  
 Emergency telephone: 860.571.5100  
 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

|                        |       |                             |                    |
|------------------------|-------|-----------------------------|--------------------|
| <b>Physical state:</b> | Wax   | <b>HMS:</b>                 |                    |
| <b>Color:</b>          | White | <b>HEALTH:</b>              | *2                 |
| <b>Odor:</b>           | Mild  | <b>FLAMMABILITY:</b>        | 1                  |
|                        |       | <b>PHYSICAL HAZARD:</b>     | 1                  |
|                        |       | <b>Personal Protection:</b> | See MSDS Section 8 |

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

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

**Potential Health Effects**

**Inhalation:** May cause symptoms of intoxication. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. May cause allergic skin reaction.  
**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:** 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  | %       |
|---|-------------|---------|
| Polyglycol dioctanoate                            | 18268-70-7  | 30 - 60 |
| Polyglycol dimethacrylate                         | 25852-47-5  | 10 - 30 |
| 2-Propenoic acid, 2-methyl-, (1-methylethylidene) | 24448-20-2  | 10 - 30 |
| Thixotropic agent                                 | Unknown     | 5 - 10  |
| Bisphenol A fumarate resin                        | 39382-25-7  | 5 - 10  |
| Silica, amorphous, fumed, crystal-free            | 112945-52-5 | 1 - 5   |
| Ethylene glycol                                   | 107-21-1    | 1 - 5   |
| Titanium dioxide                                  | 13463-67-7  | 1 - 5   |
| Saccharin   | 81-07-2     | 1 - 5   |

#### 4. FIRST AID MEASURES

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention. |
| <b>Skin contact:</b> | Wash with soap and water. Remove contaminated clothing and footwear. Wash clothing before reuse. If symptoms develop and persist, get medical attention.          |
| <b>Eye contact:</b>  | Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.                |
| <b>Ingestion:</b>    | Keep individual calm. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.                                       |

#### 5. FIRE FIGHTING MEASURES

|  |   |
|--|---|
| <b>Flash point:</b>                        | Not applicable  |
| <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>                | Foam, dry chemical or carbon dioxide.                                   |
| <b>Special firefighting procedures:</b>    | None  |
| <b>Unusual fire or explosion hazards:</b>  | None  |
| <b>Hazardous combustion products:</b>      | Irritating organic vapours. Oxides of carbon. Toxic fluorine compounds. |

#### 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> | Do not allow product to enter sewer or waterways.   |
| <b>Clean-up methods:</b>          | Store in a partly filled, closed container until disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). |

#### 7. HANDLING AND STORAGE

|                  |   |
|------------------|---|
| <b>Handling:</b> | Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.  |
| <b>Storage:</b>  | For safe storage, store at or below 38 °C (100.4 °F)<br>Keep in a cool, well ventilated area away from heat, sparks and open flame.<br>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 |
|---|--|-------------------------------|-----------|-------|
| Polyglycol dioctanoate                            | None   | None                          | None      | None  |
| Polyglycol dimethacrylate                         | None   | None                          | None      | None  |
| 2-Propenoic acid, 2-methyl-, (1-methylethylidene) | None   | None                          | None      | None  |
| Thixotropic agent                                 | None   | None                          | None      | None  |
| Bisphenol A fumarate resin                        | None   | None                          | None      | None  |
| Silica, amorphous, fumed, crystal-free            | 10 mg/m3 TWA<br>Inhalable dust.<br>3 mg/m3 TWA<br>Respirable fraction. | 20 MPPCF TWA<br>0.8 mg/m3 TWA | None      | None  |
| Ethylene glycol                                   | 100 mg/m3 Ceiling<br>Aerosol.  | None                          | None      | None  |
| Titanium dioxide                                  | 10 mg/m3 TWA   | 15 mg/m3 TWA<br>Total dust.   | None      | None  |
| Saccharin   | None   | None                          | None      | None  |

|                                |  |
|--------------------------------|--|
| <b>Engineering controls:</b>   | Use local exhaust ventilation if the potential for airborne exposure exists.         |
| <b>Respiratory protection:</b> | Use NIOSH approved respirator if there is potential to exceed exposure limit(s).     |
| <b>Eye/face protection:</b>    | Safety goggles or safety glasses with side shields.                                  |
| <b>Skin protection:</b>        | Use impermeable gloves and protective clothing as necessary to prevent skin contact. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                              |
|---|------------------------------|
| <b>Physical state:</b>                          | Wax                          |
| <b>Color:</b>                                   | White                        |
| <b>Odor:</b>                                    | Mild                         |
| <b>Odor threshold:</b>                          | Not available                |
| <b>pH:</b>                                      | Not applicable               |
| <b>Vapor pressure:</b>                          | < 10 mm hg (27 °C (80.6 °F)) |
| <b>Boiling point/range:</b>                     | > 149 °C (> 300.2 °F)        |
| <b>Melting point/ range:</b>                    | Not available                |
| <b>Specific gravity:</b>                        | 1.1394                       |
| <b>Vapor density:</b>                           | Not available                |
| <b>Flash point:</b>                             | Not applicable               |
| <b>Flammable/Explosive limits - lower:</b>      | Not available                |
| <b>Flammable/Explosive limits - upper:</b>      | Not available                |
| <b>Autoignition temperature:</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>                             | 1.06 %; 12.06 g/l            |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                        | Stable   |
| <b>Hazardous reactions:</b>              | Will not occur.  |
| <b>Hazardous decomposition products:</b> | Oxides of carbon. Toxic fluorine compounds. Irritating organic vapours.    |
| <b>Incompatible materials:</b>           | Strong oxidizing agents.   |
| <b>Conditions to avoid:</b>              | See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10). |

## 11. TOXICOLOGICAL INFORMATION

|                                       |   |
|---------------------------------------|---|
| <b>Acute oral product toxicity:</b>   | LD50 (rat) > 10,000 mg/kg (Estimated)   |
| <b>Acute dermal product toxicity:</b> | LD50 (rabbit) > 5,000 mg/kg (Estimated) |

| Hazardous components                              | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen<br>(Specifically Regulated) |
|---|----------------|-----------------|---|
| Polyglycol dioctanoate                            | No             | No              | No  |
| Polyglycol dimethacrylate                         | No             | No              | No  |
| 2-Propenoic acid, 2-methyl-, (1-methylethylidene) | No             | No              | No  |
| Thixotropic agent                                 | No             | No              | No  |
| Bisphenol A fumarate resin                        | No             | No              | No  |
| Silica, amorphous, fumed, crystal-free            | No             | No              | No  |
| Ethylene glycol                                   | No             | No              | No  |
| Titanium dioxide                                  | No             | Group 2B        | No  |
| Saccharin   | No             | No              | No  |

| Hazardous components                              | Health Effects/Target Organs  |
|---|---|
| Polyglycol dioctanoate                            | Irritant  |
| Polyglycol dimethacrylate                         | Irritant, Allergen  |
| 2-Propenoic acid, 2-methyl-, (1-methylethylidene) | Irritant, Allergen  |
| Thixotropic agent                                 | No Data   |
| Bisphenol A fumarate resin                        | Irritant, Allergen  |
| Silica, amorphous, fumed, crystal-free            | Nuisance dust   |
| Ethylene glycol                                   | Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic |
| Titanium dioxide                                  | Irritant, Respiratory, Some evidence of carcinogenicity   |
| Saccharin   | No Target Organs  |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available

## 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

### 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

|  |   |
|--|---|
| <b>TSCA 8 (b) Inventory Status:</b>    | All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.   |
| <b>TSCA 12(b) Export Notification:</b> | None above reporting de minimus   |
| <b>CERCLA/SARA Section 302 EHS:</b>    | None above reporting de minimus   |
| <b>CERCLA/SARA Section 311/312:</b>    | Delayed Health, Immediate Health  |
| <b>CERCLA/SARA 313:</b>                | 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).<br>Saccharin (CAS# 81-07-2) 100 lbs. (45.4 kg)<br>Cumene hydroperoxide (CAS# 80-15-9) 10 lbs. (4.54 kg) |
| <b>CERCLA Reportable quantity:</b>     |   |
| <b>California Proposition 65:</b>      | 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

|                             |   |
|-----------------------------|---|
| <b>CEPA DSL/NDL Status:</b> | All components are listed on or are exempt from listing on the Canadian Domestic Substances List. |
| <b>WHMIS hazard class:</b>  | 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.

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