

(10850)

Material Safety Data Sheet

LOCTITE

Revision Number: 004.2

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE® Quickstix™ 561™ PST®
Pipe Sealant with PTFE

Product use: Sealant

Company address:
Henkel Canada Corporation
2515 Meadowpine Boulevard
Mississauga, Ontario L5N 6C3

IDH number: 463973

Item number: 37127
Region: Canada

Contact information:
Telephone: 905.814.6511
Internet: www.henkeln.com

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

Physical state: Wax
Color: White
Odor: Mild

WHMIS hazard class: D.2.A, D.2.B

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 respiratory tract irritation.

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.

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
Cumene	98-82-8	0.1 - 1

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4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.
Skin contact:	Wash with soap and water. Remove contaminated clothing and footwear. 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:	Keep individual calm. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash point:	Not applicable
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:	None
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Irritating organic vapours. Oxides of carbon. Toxic fluorine compounds.
Sensitivity to Mechanical Impact:	Not available.
Sensitivity to static discharge:	Not available.

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:	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

Handling:	Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.
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 Canada Customer Service at (905) 814-6511.

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 Inhalable dust. 3 mg/m3 TWA Respirable fraction.	20 MPPCF TWA 0.8 mg/m3 TWA	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
Saccharin	None	None	None	None
Cumene	50 ppm TWA	50 ppm (245 mg/m3) TWA (SKIN)	None	None

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

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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

Acute dermal product toxicity: LD50 (rabbit) > 5,000 mg/kg (Estimated)

Toxicologically synergistic products: Not available.

Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)	ACGIH Carcinogen
Polyglycol dioctanoate	No	No	No	No
Polyglycol dimethacrylate	No	No	No	No
2-Propenoic acid, 2-methyl-, (1-methylethylidene)	No	No	No	No
Thixotropic agent	No	No	No	No
Bisphenol A fumarate resin	No	No	No	No
Silica, amorphous, fumed, crystal-free	No	No	No	No
Ethylene glycol	No	No	No	Group A4
Titanium dioxide	No	Group 2B	No	Group A4
Saccharin	No	No	No	No
Cumene	No	Group 2B	No	No

Hazardous components	LD50s and LC50s	Health Effects/Target Organs
Polyglycol dioctanoate	None	Irritant
Polyglycol dimethacrylate	None	Irritant, Allergen
2-Propenoic acid, 2-methyl-, (1-methylethylidene)	None	Irritant, Allergen
Thixotropic agent	None	No Data
Bisphenol A fumarate resin	None	No Target Organs
Silica, amorphous, fumed, crystal-free	None	Nuisance dust
Ethylene glycol	Oral LD50 (RAT) = 5.89 g/kg Dermal LD50 (rabbit) = 9,530 mg/kg	Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic
Titanium dioxide	None	Irritant, Respiratory, Some evidence of carcinogenicity
Saccharin	None	No Target Organs
Cumene	Oral LD50 (RAT) = 1,400 mg/kg Oral LD50 (RAT) = 2.91 g/kg Inhalation LC50 (RAT, 4 h) = 8,000 mg/l	Central nervous system, Irritant, Lung

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.

14. TRANSPORT INFORMATION

Canada Transportation of Dangerous Goods - Ground

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

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

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.

16. OTHER INFORMATION

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

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR), and the MSDS contains all the information required by the CPR.

Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs

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