

(10876)

Material Safety Data Sheet



Revision Number: 004.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE® 243™ THREADLOCKER
Product use: Sealant

IDH number: 209726
Item number: 24078
Region: Canada

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

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Physical state: Liquid
Color: Blue
Odor: Characteristic
WHMIS hazard class: D.2.A, D.2.B
WARNING: MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Skin, Lungs, Eyes

Potential Health Effects

Inhalation: May cause respiratory tract irritation.
Skin contact: May cause skin irritation. 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.

APPROVED MATERIAL
AUG 08 2013
MSDS # 10876
APPROVED BY [Signature]

3. COMPOSITION / INFORMATION ON INGREDIENTS

Table with 3 columns: Hazardous components, CAS NUMBER, %
Rows include Polyglycol dimethacrylate, Polyglycol dioctanoate, Amorphous fumed silica, 1-Acetyl-2-phenylhydrazine, Cumene

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If symptoms develop and persist, get medical attention.
Skin contact: Wash clothing before reuse. If symptoms develop and persist, get medical attention. Remove contaminated clothing and footwear. Wash with soap and water.
Eye contact: Get medical attention. Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time.

Ingestion: Get medical attention. Do not induce vomiting. Keep individual calm.

## 5. FIRE FIGHTING MEASURES

**Flash point:** > 93 °C (> 199.4 °F) Tagliabue closed cup

**Autoignition temperature:** Not available.

**Flammable/Explosive limits - lower:** Not available.

**Flammable/Explosive limits - upper:** Not available.

**Extinguishing media:** If product is involved in fire extinguish with dry powder, foam or carbon dioxide.

**Special firefighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**Unusual fire or explosion hazards:** None

**Hazardous combustion products:** Irritating organic vapours. Oxides of carbon. Oxides of sulfur. Oxides of nitrogen.

**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.

**Storage:** Not available.

For information on product shelf life contact Henkel Canada Customer Service at 800-263-5043.

## 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 dimethacrylate	None	None	None	None
Polyglycol dioctanoate	None	None	None	None
Amorphous fumed silica	None	None	None	None
1-Acetyl-2-phenylhydrazine	None	None	None	None
Cumene	50 ppm TWA	50 ppm (245 mg/m <sup>3</sup> ) TVWA (SKIN)	None	None

**Engineering controls:** Ensure adequate ventilation. Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

**Respiratory protection:** No personal respiratory protective equipment normally required. If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

**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. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid  
**Color:** Blue  
**Odor:** Characteristic  
**Odor threshold:** Not available.  
**pH:** Not applicable  
**Vapor pressure:** Not available.  
**Boiling point/range:** Not available.  
**Melting point/ range:** Not available.  
**Specific gravity:** 1.08 at 68 °F (20°C)  
**Vapor density:** Not available.  
**Flash point:** > 93 °C (> 199.4 °F) Tagliabue closed cup  
**Flammable/Explosive limits - lower:** Not available.  
**Flammable/Explosive limits - upper:** Not available.  
**Autoignition temperature:** Not available.  
**Evaporation rate:** Not available.  
**Solubility in water:** Partially soluble  
**Partition coefficient (n-octanol/water):** Not available.  
**VOC content:** 0.73 %; 7.21 g/l

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** Oxides of sulfur. Oxides of nitrogen. Irritating organic vapours. Oxides of carbon.

**Incompatible materials:** Strong alkalis. Reducing agents. Oxygen scavengers. Oxidizing agents. Other polymerization initiators. 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

**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 dimethacrylate	No	No	No	No
Polyglycol dioctanoate	No	No	No	No
Amorphous fumed silica	No	No	No	No
1-Acetyl-2-phenylhydrazine	No	No	No	No
Cumene	No	Group 2B	No	No

Hazardous components	LD50s and LC50s	Health Effects/Target Organs
Polyglycol dimethacrylate	None	Irritant, Allergen
Polyglycol dioctanoate	None	Irritant
Amorphous fumed silica	None	No Target Organs
1-Acetyl-2-phenylhydrazine	None	Allergen, Blood, Kidney, Mutagen, Some evidence of carcinogenicity
Cumene	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: 2, 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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