

(10851)

# Material Safety Data Sheet



Revision Number: 001.1

Issue date: 10/25/2013

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Quickstix(TM) 268(TM) Threadlocker High Strength  
**Product use:** Adhesive  
**Company address:** Henkel Canada Corporation  
 2515 Meadowpine Boulevard  
 Mississauga, Ontario L5N 6C3

**IDH number:** 826036  
**Item number:** 37685PR  
**Region:** Canada  
**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:** Solid  
**Color:** Red  
**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:** Lungs, Skin, Eyes

### Potential Health Effects

**Inhalation:** May cause respiratory tract irritation.  
**Skin contact:** May cause allergic skin reaction. May cause skin irritation.  
**Eye contact:** May 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**

FEB 13 2014

MSDS # 10851  
 APPROVED BY *[Signature]*

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous components                   | CAS NUMBER  | %       |
|--|-------------|---------|
| Polyglycol dimethacrylate              | Proprietary | 30 - 60 |
| Dimethacrylate ester                   | Proprietary | 10 - 30 |
| Methacrylate monomer                   | Proprietary | 10 - 30 |
| Silica, amorphous, fumed, crystal-free | 112945-52-5 | 1 - 5   |
| Cumene hydroperoxide                   | 80-15-9     | 1 - 5   |
| Cumene                                 | 98-82-8     | 0.1 - 1 |

## 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air. 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:** Do not induce vomiting. Keep individual calm. Get medical attention.

## 5. FIRE FIGHTING MEASURES

**Flash point:** Product is a solid.

**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:** Oxides of nitrogen. Oxides of carbon. Irritating organic vapours.

**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. Do not allow product to enter sewer or waterways.

**Clean-up methods:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). 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). Store in a partly filled, closed container until disposal.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing.

**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 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  |
| Dimethacrylate ester                   | None   | None                                | None                             | None  |
| Methacrylate monomer                   | 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  |
| Cumene hydroperoxide                   | None   | None                                | (SKIN)<br>1 ppm (6 mg/m3)<br>TWA | None  |
| Cumene                                 | 50 ppm TWA   | 50 ppm (245<br>mg/m3) PEL<br>(SKIN) | None                             | None  |

|                                |   |
|--------------------------------|---|
| <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>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. Neoprene gloves. Nitrile gloves.                           |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                                     |
|---|-------------------------------------|
| <b>Physical state:</b>                          | Solid                               |
| <b>Color:</b>                                   | Red                                 |
| <b>Odor:</b>                                    | Characteristic                      |
| <b>Odor threshold:</b>                          | Not available.                      |
| <b>pH:</b>                                      | Not applicable                      |
| <b>Vapor pressure:</b>                          | < 5.0000000 mm hg (80 °F (26.7 °C)) |
| <b>Boiling point/range:</b>                     | > 300 °F (> 148.9 °C) None          |
| <b>Melting point/ range:</b>                    | Not available.                      |
| <b>Specific gravity:</b>                        | 1.1                                 |
| <b>Vapor density:</b>                           | Not available.                      |
| <b>Flash point:</b>                             | Product is a solid.                 |
| <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>                             | < 4 % Estimated                     |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                        | Stable   |
| <b>Hazardous reactions:</b>              | Will not occur.  |
| <b>Hazardous decomposition products:</b> | Oxides of nitrogen. Oxides of carbon. 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) > 5,000 mg/kg (Estimated)    |
| <b>Acute dermal product toxicity:</b> | LD50 (rabbit) > 2,000 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<br>(Specifically Regulated) | ACGIH Carcinogen |
|--|----------------|-----------------|---|------------------|
| Polyglycol dimethacrylate              | No             | No              | No  | No               |
| Dimethacrylate ester                   | No             | No              | No  | No               |
| Methacrylate monomer                   | No             | No              | No  | No               |
| Silica, amorphous, fumed, crystal-free | No             | No              | No  | No               |
| Cumene hydroperoxide                   | No             | No              | No  | No               |
| Cumene                                 | No             | Group 2B        | No  | No               |

| Hazardous components                   | LD50s and LC50s   | Health Effects/Target Organs                                   |
|--|---|--|
| Polyglycol dimethacrylate              | None  | Allergen, Irritant   |
| Dimethacrylate ester                   | None  | Irritant, Allergen   |
| Methacrylate monomer                   | None  | No Records   |
| Silica, amorphous, fumed, crystal-free | None  | Nuisance dust  |
| Cumene hydroperoxide                   | None  | Allergen, Central nervous system, Corrosive, Irritant, Mutagen |
| Cumene                                 | Oral LD50 (RAT) = 2.91 g/kg<br>Oral LD50 (RAT) = 1,400 mg/kg<br>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/NDSL Status:** One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-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:** First issue.

**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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