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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Kit 96677  
 Product Use: Adhesive  
 Company address:  
 Henkel Canada, Inc.  
 2225 Meadowpine Boulevard  
 Mississauga, Ontario L5N 7P2

Item No. : 96677\_00274000 / IDH No. 702224  
 Region: Canada  
 Contact Information:  
 Telephone: 905.814.6511  
 Emergency telephone: 905.814.6511  
 Internet: www.loctite.com

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Alkylated glycerol Proprietary	60-100	None	None	None
Ethylene glycol 107-21-1	5-10	100 mg/m <sup>3</sup> Ceiling	None	None
Trimethylolpropane poly(oxypropylene)triamine 39423-51-3	5-10	None	None	None
Treated fumed silica 67762-90-7	1-5	10mg/m <sup>3</sup> Inhalable fraction, 3mg/m <sup>3</sup> Respirable fraction, TWA	5mg/m <sup>3</sup> Respirable dust, 15mg/m <sup>3</sup> Total dust	None
Castor oil 8001-79-4	1-5	None	None	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Physical state: Liquid  
 Color: Light cream  
 Odor: Mild  
 WHMIS hazard class: E, D.2.A, D.2.B

**DANGER:** CAUSES EYE AND SKIN BURNS.  
 MAY CAUSE ALLERGIC SKIN REACTION.  
 MAY BE HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN.  
 MAY CAUSE RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Eye contact, Ingestion, Inhalation, Skin contact

#### Potential Health Effects

**Inhalation:** May cause respiratory tract irritation. May cause irritation to nose and throat.  
**Skin contact:** May cause skin burns. Allergic skin reaction. Rash. Redness. May be harmful if absorbed through skin.  
**Eye contact:** Burns. Severe eye irritation. Redness. Pain and discomfort. Tissue damage.  
**Ingestion:** May be harmful if swallowed. May cause burns of mouth and throat if swallowed.

Existing conditions aggravated by exposure: Skin disorders. Skin allergies. Respiratory disorders. Eye disorders.

See Section 11 for additional toxicological information.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms develop and persist, get medical attention.
<b>Skin contact:</b>	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if symptoms occur.
<b>Eye contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
<b>Ingestion:</b>	DO NOT induce vomiting unless directed to do so by medical personnel. Keep individual calm. Get medical attention immediately.
<b>Notes to physician:</b>	None.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Greater than 149°C (300°F) Tagliabue closed cup
<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>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Special fire fighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Unusual fire or explosion hazards:</b>	In the event of fire, cool tanks with water spray.
<b>Hazardous combustion products:</b>	Oxides of carbon. Oxides of nitrogen. Aldehydes. Ketones. Irritating organic fragments.
<b>Sensitivity to mechanical impact:</b>	Not available.
<b>Sensitivity to static discharge:</b>	Not available.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Prevent product from entering drains or open waters.
<b>Clean-up methods:</b>	Remove all ignition sources. Immediately contact emergency personnel. Scrape up as much material as possible. Clean residue with soap and water. Store in a closed container until ready for disposal.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Do not taste or swallow. Do not get on skin or clothing. Avoid contact with eyes, skin and clothing. Do not breathe the mist or vapors. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
<b>Storage:</b>	Store in original container until ready to use. Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
<b>Incompatible products:</b>	Refer to Section 10.

For information on product shelf life contact Loctite Canada Customer Service at (905) 814-6511.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.
<b>Respiratory protection:</b>	Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.
<b>Skin protection:</b>	Chemical resistant, impermeable gloves. Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

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Eye/face protection: Chemical splash goggles or safety glasses with side shields.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Light cream
Odor:	Mild
Odor Threshold:	Not available
Vapor pressure:	Not available
pH:	Not applicable
Boiling point/range:	197°C (397°F)
Melting point/range:	Not available
Specific gravity:	1.0696
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Slightly soluble
Partition coefficient (n-octanol/water):	Not available
VOC content:	Not available

## 10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	None
Incompatibility:	Reducing agents. Acids. Alkalis.
Conditions to avoid:	Excessive heat. Storage with incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

Product toxicity data:	Not available
Toxicologically synergistic products:	Not available.

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

### Ingredient Toxicity Data & Carcinogen Status

Hazardous components	LD50s & LC50s	Other LD50s and LC50s	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen	ACGIH - Carcinogens
Alkylated glycerol Proprietary	Oral LD50 (Rat) > 10 g/kg Dermal LD50 (Rabbit) > 5 g/kg	None	No	No	No	No
Ethylene glycol 107-21-1	Oral LD50 (Rat) = 4000 mg/kg Dermal LD50 (Rabbit) = 9530 µL/kg	None	No	No	No	A4 - Not Classifiable as a Human Carcinogen (aerosol)
Trimethylolpropane poly(oxypropylene)triamine 39423-51-3	None	None	No	No	No	No
Treated fumed silica 67762-90-7	None	None	No	No	No	No
Castor oil 8001-79-4	None	None	No	No	No	No

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Alkylated glycerol Proprietary	No Target Organs
Ethylene glycol 107-21-1	Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic
Trimethylolpropane poly(oxypropylene)triamine 39423-51-3	Corrosive, Irritant
Treated fumed silica 67762-90-7	Irritant
Castor oil 8001-79-4	Irritant

## 12. ECOLOGICAL INFORMATION

Ecological information: Not available

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with federal and local regulations.

## 14. TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

#### Canada Transportation of Dangerous Goods - Ground:

Proper shipping name: Amines, liquid, corrosive, n.o.s. ( trimethylolpropane polyoxypropylenetriamine )  
 Hazard class or division: 8  
 Identification number: UN 2735  
 Packing group: III

#### International Air Transportation (ICAO/IATA):

Proper shipping name: Amines, liquid, corrosive, n.o.s. ( trimethylolpropane polyoxypropylenetriamine )  
 Hazard class or division: 8  
 Identification number: UN2735  
 Packing group: III

#### WaterTransportation (IMO/IMDG):

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Product name: Kit 96677

Proper shipping name: Amines, liquid, corrosive, n.o.s. ( trimethylolpropane polyoxypropylenetriamine )  
Hazard class or division: 8  
Identification number: UN2735  
Packing group: III

## 15. REGULATORY INFORMATION

### Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the 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, 11

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Product Regulations.

Prepared by: Gary Pierson, Sr. Product Safety and Regulatory Affairs Specialist

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