



Revision Date: 04/07/2006

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** 08431 THRD LCK GRADE C  
**Product type:** Anaerobic Sealant  
**Company address:**  
Henkel Corporation  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut 06067

**Item No.:** 08431  
**Region:** United States  
**Contact Information:**  
Telephone: 860.571.5100  
Emergency telephone: 860.571.5100  
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>
Polyglycol dimethacrylate 25852-47-5	60-100	None	None	None
Polyglycol dioctanoate 18268-70-7	10-30	None	None	None
Cumene hydroperoxide 80-15-9	5-10	None	None	1 ppm (6 mg/m <sup>3</sup> ) Skin (WEEL), 1ppm, skin TWA, (WEEL)
Tributylamine 102-82-9	1-5	None	None	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

HMIS:

**Physical state:** Liquid  
**Color:** Blue  
**Odor:** Mild

**HEALTH:** 2\*  
**FLAMMABILITY:** 1  
**PHYSICAL HAZARD:** 1  
**Personal Protection:** See Section 8

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

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

#### Potential Health Effects

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

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms develop and persist, get medical attention.
<b>Skin contact:</b>	Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
<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>	Do not induce vomiting. Keep individual calm. Obtain medical attention.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Greater than 93°C (200°F) Tagliabue closed cup
<b>Autoignition temperature:</b>	Not available
<b>Flammable/Explosive limits-lower %:</b>	0.8 % (Tributylamine)
<b>Flammable/Explosive limits-upper %:</b>	6.4 % (Tributylamine)
<b>Extinguishing media:</b>	Foam, dry chemical or carbon dioxide.
<b>Special fire fighting procedures:</b>	None
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Prevent product from entering drains or open waters.
<b>Clean-up methods:</b>	Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with eyes, skin and clothing. Avoid breathing 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°F). 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 Henkel Customer Service at (800) 243-4874.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<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>Skin protection:</b>	Use impermeable gloves and protective clothing as necessary to prevent skin contact.
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields.

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See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Blue
<b>Odor:</b>	Mild
<b>Vapor pressure:</b>	Less than 5 mm Hg at 27°C (80°F)
<b>pH:</b>	Not applicable
<b>Boiling point/range:</b>	Greater than 149°C (300°F)
<b>Melting point/range:</b>	Not available
<b>Specific gravity:</b>	1.046
<b>Vapor density:</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%; <38 grams/liter

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.
<b>Incompatibility:</b>	Strong oxidizers.
<b>Conditions to avoid:</b>	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

## 11. TOXICOLOGICAL INFORMATION

<b>Product toxicity data:</b>	Acute LD50 (oral) :Greater than 5000 mg/kg(rat). (estimated). Acute LD50 (dermal) :Greater than 2000 mg/kg (rabbit). (estimated).
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### Carcinogen Status

<b>Hazardous components</b>	<b>NTP Carcinogen</b>	<b>IARC Carcinogen</b>	<b>OSHA Carcinogen</b>
Polyglycol dimethacrylate 25852-47-5	No	No	No
Polyglycol dioctanoate 18268-70-7	No	No	No
Cumene hydroperoxide 80-15-9	No	No	No
Tributylamine 102-82-9	No	No	No

### Literature Referenced Target Organ & Other Health Effects

<b>Hazardous components</b>	<b>Health Effects/Target Organs</b>
Polyglycol dimethacrylate 25852-47-5	Allergen, Irritant
Polyglycol dioctanoate 18268-70-7	Irritant
Cumene hydroperoxide 80-15-9	Allergen, Central nervous system, Corrosive, Irritant, Mutagen
Tributylamine 102-82-9	Allergen, Central nervous system, Corrosive, Irritant

## 12. ECOLOGICAL INFORMATION

<b>Ecological information:</b>	Not available
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### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

**EPA hazardous waste number:** Not hazardous

### 14. TRANSPORT INFORMATION

**U.S. Department of Transportation Ground (49 CFR):**

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

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

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**Water Transportation (IMO/IMDG):**

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None  
**Marine pollutant:** None

### 15. REGULATORY INFORMATION

**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.  
**TSCA 12 (b) Export Notification:** 4-Methoxyphenol (150-76-5).

**CERCLA/SARA Section 302 EHS:** None above reporting de minimus.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed Health Hazard  
**CERCLA/SARA 313:** 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). Cumene hydroperoxide (CAS# 80-15-9) .

**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

**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. Those components must be tracked by all Canadian Importers of Record as required by the Canadian Environmental Protection Agency. They may be imported into Canada in limited quantities. Please contact Product Safety and Regulatory Affairs for details.

**WHMIS hazard class:** D.2.B

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 15

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