



Revision Number: 001.1

Issue date: 10/27/2009

1. PRODUCT AND COMPANY IDENTIFICATION

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|-------------------------------|---|---------------------|---------------|
| Product name: | LOCTITE® 263™ THREADLOCKER HIGH STRENGTH | IDH number: | 1330582 |
| Product type: | Anaerobic | Item number: | 1330582 |
| | | Region: | United States |
| Company address: | Contact information: | | |
| Henkel Corporation | Telephone: 860.571.5100 | | |
| One Henkel Way | Emergency telephone: 860.571.5100 | | |
| Rocky Hill, Connecticut 06067 | Internet: www.henkelna.com | | |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

| | | | |
|------------------------|----------------|-----------------------------|--------------------|
| Physical state: | Liquid | HMIS: | |
| Color: | Red | HEALTH: | *2 |
| Odor: | Characteristic | FLAMMABILITY: | 1 |
| | | PHYSICAL HAZARD: | 1 |
| | | Personal Protection: | See MSDS Section 8 |

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

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

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|----------------------|---|
| Inhalation: | May cause respiratory tract irritation. |
| Skin contact: | May cause allergic skin reaction. Irritating to skin. |
| Eye contact: | Contact with eyes will cause irritation. Pain and discomfort. Excess tearing. |
| Ingestion: | May be harmful if swallowed. |

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous components | CAS NUMBER | % |
|---------------------------------|-------------|---------|
| TMCHMA | Proprietary | 30 - 60 |
| Polyglycol dimethacrylate | 25852-47-5 | 10 - 30 |
| Bisphenol A fumarate resin | 39382-25-7 | 10 - 30 |
| Polyurethane Methacrylate Resin | Proprietary | 10 - 30 |
| Polyglycol dimethacrylate | 109-16-0 | 5 - 10 |
| Cumene hydroperoxide | 80-15-9 | 1 - 5 |
| 1-Acetyl-2-phenylhydrazine | 114-83-0 | 0.1 - 1 |

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If symptoms develop and persist, get medical attention.

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| 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

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| Flash point: | 100 °C (212°F) ; Estimated |
| 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. |
| Unusual fire or explosion hazards: | None |
| Hazardous combustion products: | Oxides of carbon. Oxides of nitrogen. Thermal decomposition can lead to release of irritating gases and vapors. |

6. ACCIDENTAL RELEASE MEASURES

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| 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: | Soak up with inert absorbent. Store in a closed container until ready for disposal. |

7. HANDLING AND STORAGE

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|------------------|---|
| Handling: | Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. |
| 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 Customer Service at (800) 243-4874.

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 |
|---------------------------------|-----------|----------|----------------------------------|-------|
| TMCHMA | None | None | None | None |
| Polyglycol dimethacrylate | None | None | None | None |
| Bisphenol A fumarate resin | None | None | None | None |
| Polyurethane Methacrylate Resin | None | None | None | None |
| Polyglycol dimethacrylate | None | None | None | None |
| Cumene hydroperoxide | None | None | 1 ppm (6 mg/m3) TWA (SKIN) | None |
| 1-Acetyl-2-phenylhydrazine | None | None | None | None |

Engineering controls:

No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.

Respiratory protection:

Use a NIOSH approved supplied air respirator with an organic cartridge if the potential to exceed established exposure limits exists.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|----------------------------|
| Physical state: | Liquid |
| Color: | Red |
| Odor: | Characteristic |
| Odor threshold: | Not available |
| pH: | Not available |
| Vapor pressure: | Not available |
| Boiling point/range: | Not available |
| Melting point/ range: | Not available |
| Specific gravity: | 1.08 at 20 °C (68°F) |
| Vapor density: | Not available |
| Flash point: | 100 °C (212°F) ; Estimated |
| 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: | 0.36 % |

10. STABILITY AND REACTIVITY

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| Stability: | Stable |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Oxides of carbon. Oxides of nitrogen. Irritating organic vapours. |
| Incompatible materials: | Strong oxidizing agents. Reducing agents. Strong acids and strong bases. Oxygen scavengers. Other polymerization initiators. Heavy metals. |
| Conditions to avoid: | See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10). |

11. TOXICOLOGICAL INFORMATION

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---------------------------------|----------------|-----------------|---|
| TMCHMA | No | No | No |
| Polyglycol dimethacrylate | No | No | No |
| Bisphenol A fumarate resin | No | No | No |
| Polyurethane Methacrylate Resin | No | No | No |
| Polyglycol dimethacrylate | No | No | No |
| Cumene hydroperoxide | No | No | No |
| 1-Acetyl-2-phenylhydrazine | No | No | No |

| Hazardous components | Health Effects/Target Organs |
|---------------------------------|--|
| TMCHMA | No Records |
| Polyglycol dimethacrylate | Irritant, Allergen |
| Bisphenol A fumarate resin | Irritant, Allergen |
| Polyurethane Methacrylate Resin | Irritant, Allergen |
| Polyglycol dimethacrylate | Irritant, Allergen |
| Cumene hydroperoxide | Allergen, Central nervous system, Corrosive, Irritant, Mutagen |
| 1-Acetyl-2-phenylhydrazine | Allergen, Blood, Kidney, Mutagen, Some evidence of carcinogenicity |

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.

Hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

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

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

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

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.

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|--|---|
| TSCA 12(b) Export Notification: | None above reporting de minimus |
| CERCLA/SARA Section 302 EHS: | None above reporting de minimus |
| CERCLA/SARA Section 311/312: | Immediate Health, Delayed Health |
| 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: | This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. |

Canada Regulatory Information

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|-----------------------------|---|
| CEPA DSL/NDL 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. |
| WHMIS hazard class: | D.2.B |

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: First issue.

Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs

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