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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** LOCTITE® Chisel® Paint Stripper  
**Product type:** Solvent Cleaner  
**Company address:**  
Henkel Corporation  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut 06067

**Item No. :** 79040 / IDH No. 135544  
**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>
Methylene chloride 75-09-2	60-100	50 ppm TWA	12.5 ppm Action Level 125 ppm STEL 125 ppm STEL 15 min. Cancer, cardiac effects, central nervous system effects, liver effects, and skin and eye irritation - See 29 CFR 1910.1052	None
Liquified petroleum propellant 68476-86-8	10-30	None	25 ppm TWA 25 ppm TWA None	None
Methanol 67-56-1	5-10	200 ppm TWA 250 ppm STEL (skin)	200 ppm TWA 260 mg/m <sup>3</sup> TWA	None
Propylene oxide 75-56-9	0.1-1	2 ppm TWA (sensitizer)	100 ppm TWA 240 mg/m <sup>3</sup> TWA	None

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**Physical state:** Aerosol  
**Color:** Grey to Off-white  
**Odor:** Sharp, Solvent

#### HMIS:

**HEALTH:** 3\*  
**FLAMMABILITY:** 4  
**PHYSICAL HAZARD:** 1  
**Personal Protection:** See Section 8

**DANGER:** CONTENTS UNDER PRESSURE.  
EXTREMELY FLAMMABLE LIQUID AND VAPOR  
MAY BE HARMFUL OR FATAL IF INHALED, ABSORBED THROUGH SKIN OR  
SWALLOWED.  
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
POSSIBLE CANCER HAZARD.

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

### Potential Health Effects

**Inhalation:** Inhalation of vapor or aerosol may cause severe irritation to nose, throat and lungs.  
**Skin contact:** May cause irritation due to defatting of the skin. Prolonged or repeated contact has caused severe dermatitis including blisters, cracking, edema and redness.  
**Eye contact:** Liquid or vapor can cause moderate to severe irritation.  
**Ingestion:** May be harmful or fatal if swallowed. Aspirated material can enter the lungs and result in pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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**Existing conditions aggravated by exposure:**

Skin disorders. Respiratory disorders. Heart disease. Liver disease. Kidney disease. Anemia. Arrhythmia.

**See Section 11 for additional toxicological information.**

#### 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If symptoms develop and persist, get medical attention.

**Skin contact:** Immediately flush skin with plenty of water (using soap, if available). Get medical attention if symptoms occur.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

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

#### 5. FIRE-FIGHTING MEASURES

**Flash point:** Less than 5°C (41°F) Tagliabue closed cup

**Autoignition temperature:** Not available

**Flammable/Explosive limits-lower %:** 1.5 % (value for propellant).

**Flammable/Explosive limits-upper %:** 9.5 % (value for propellant).

**Extinguishing media:** Foam, dry chemical or carbon dioxide. Type BC extinguisher. Do not use water.

**Special fire fighting procedures:** Use water spray to keep fire exposed containers cool. Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**Unusual fire or explosion hazards:** Contents under pressure. Exposure to temperatures above 49°C (120°F) may cause container to burst.

**Hazardous combustion products:** Oxides of carbon. Chlorine. Hydrochloric acid. Phosgene.

#### 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** Prevent product from entering drains or open waters. Assure conformity with applicable government regulations.

**Clean-up methods:** Ventilate area. Soak up with inert absorbent. Store in a closed container until ready for disposal.

#### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Use only with adequate ventilation. Keep out of the reach of children.

**Storage:** Keep away from heat, sparks and flame. Store away from ignition sources. Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F).

**Incompatible products:** Refer to Section 10.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering controls:** Use local exhaust ventilation if the potential for airborne exposure exists.

**Respiratory protection:** Use a NIOSH approved air purifying respirator with an organic vapor cartridge if the potential to exceed established exposure limits exists.

**Skin protection:** Chemical resistant, impermeable gloves. Viton gloves. Polyvinyl alcohol gloves. Silver Shield gloves. Polyethylene gloves. 4H gloves. EVAL-Laminate gloves.

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Eye/face protection:

Safety goggles or safety glasses with side shields. Face-shield.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Aerosol  
**Color:** Grey to Off-white  
**Odor:** Sharp, Solvent  
**Vapor pressure:** 30-50 psig  
**pH:** Not applicable  
**Boiling point/range:** Not available  
**Melting point/range:** Not available  
**Specific gravity:** 0.789  
**Vapor density:** Not available  
**Evaporation rate:** Not available  
**Solubility in water:** Slight  
**Partition coefficient (n-octanol/water):** Not available  
**VOC content:** 30%; 237 grams/liter

## 10. STABILITY AND REACTIVITY

**Stability:** Stable.

**Hazardous polymerization:** Will not occur.

**Hazardous decomposition products:** Oxides of carbon. Chlorine. Hydrochloric acid. Phosgene.

**Incompatibility:** Strong oxidizers. Strong alkalis. Sodium. Potassium. Reactive metals.

**Conditions to avoid:** Do not expose to temperatures above 49°C (120°F).

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Methylene chloride 75-09-2	Suspect Carcinogen	Group 2B	Yes
Liquified petroleum propellant 68476-86-8	No	No	No
Methanol 67-56-1	No	No	No
Propylene oxide 75-56-9	Suspect Carcinogen	Group 2B	Yes

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Methylene chloride 75-09-2	Central nervous system, Irritant, Kidney, Liver, Some evidence of carcinogenicity, Corrosive, Blood, Cardiac
Liquified petroleum propellant 68476-86-8	No data
Methanol 67-56-1	Eyes, Heart, Irritant, Kidney, Liver, Metabolic, Nervous System, Reproductive
Propylene oxide 75-56-9	Corrosive, Irritant, Mutagen, Nervous System, Some evidence of carcinogenicity

## 12. ECOLOGICAL INFORMATION

**Ecological information:**

No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, groundwater, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

### 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:** D001: Ignitable.

### 14. TRANSPORT INFORMATION

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

**Proper shipping name:** Aerosols, flammable  
**Hazard class or division:** 2.1  
**Identification number:** UN 1950  
**Packing group:** None  
**Exceptions:** Consumer Commodity ORM-D (Not more than 1 Liter)

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

**Proper shipping name:** Aerosols, flammable, containing substances in Division 6.1, Packing Group III  
**Hazard class or division:** 2.1 (6.1)  
**Identification number:** UN1950  
**Packing group:** None

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

**Proper shipping name:** Aerosols  
**Hazard class or division:** 2  
**Identification number:** UN1950  
**Packing group:** None  
**Exceptions:** Limited quantity (Not more than 120 ml)  
**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:** None above reporting de minimus.

**CERCLA/SARA Section 302 EHS:** Propylene Oxide (CAS #75-56-9).  
**CERCLA/SARA Section 311/312:** Sudden Release, Immediate Health Hazard, Delayed Health Hazard, Fire, Reactive  
**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). Methylene chloride (CAS# 75-09-2). Methanol (CAS# 67-56-1) . Propylene oxide (CAS# 75-56-9).

**California Proposition 65:** This product contains a chemical known to the State of California to cause cancer.

**Canada Regulatory Information**

**CEPA DSL/NDSL Status:** All components are listed on or are exempt from listing on the Domestic Substances List.  
**WHMIS hazard class:** A, B.5, D.1.B, D.2.A, D.2.B

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 3,4,15

Prepared by: Regulatory Affairs

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