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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite(R) Paint Stripper	Item No. : 81716 / IDH No. 235383
Product type: Solvent Cleaner	Region: United States
Company address: Henkel Corporation 1001 Trout Brook Crossing Rocky Hill, Connecticut 06067	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 25 ppm TWA 25 ppm TWA	None
Liquified petroleum propellant 68476-86-8	10-30	None	None	None
Methanol 67-56-1	5-10	200 ppm TWA 250 ppm STEL (skin)	200 ppm TWA 260 mg/m ³ TWA	None
Propylene oxide 75-56-9	0.1-1	2 ppm TWA (sensitizer)	100 ppm TWA 240 mg/m ³ TWA	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Aerosol	HEALTH: 3*
Color: Grey to Off-white	FLAMMABILITY: 4
Odor: Sharp, Solvent	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.

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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