

LOCTITE[®]

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Non-Chlorinated Parts Cleaner	IDH number:	234935
Product type:	Cleaner	Item number:	30545
		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.henkeln.com		

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

Physical state:	Aerosol	HEALTH:	*2
Color:	Water white, Clear	FLAMMABILITY:	4
Odor:	Solvent	PHYSICAL HAZARD:	0
		Personal Protection:	Not available

DANGER: EXTREMELY FLAMMABLE LIQUID AND VAPOR.
CONTENTS UNDER PRESSURE.
MAY BE HARMFUL OR FATAL IF SWALLOWED OR INHALED.
VAPOR HARMFUL.

Relevant routes of exposure: Skin, Inhalation, Eyes**Potential Health Effects**

Inhalation:	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
Skin contact:	Harmful in contact with skin.
Eye contact:	Vapors irritate the eyes. Contact with liquid or mist will irritate the eyes.
Ingestion:	Harmful or fatal 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	%
Acetone	67-64-1	60 - 100
Propane	74-98-6	10 - 30
n-Heptane	142-82-5	5 - 10
Xylenes	1330-20-7	1 - 5
Ethylbenzene	100-41-4	0.1 - 1
Toluene	108-88-3	0.1 - 1

4. FIRST AID MEASURES**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:	Wash affected area immediately with soap and water. If symptoms develop and persist, get medical attention.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. If symptoms develop and persist, get medical attention.
Ingestion:	Do not induce vomiting. Drink plenty of water. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Flash point:	-23 °C (-9.4 °F) ; This product exhibits flashback when tested for flame extension.
Autoignition temperature:	Not available
Flammable/Explosive limits - lower:	Not available
Flammable/Explosive limits - upper:	Not available
Extinguishing media:	water, carbon dioxide, foam, powder
Special firefighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. If water is used, fog nozzles are preferable.
Unusual fire or explosion hazards:	Cool pressurized can containers with jet of water. Containers may explode.
Hazardous combustion products:	Oxides of carbon. Irritating organic vapours.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Do not allow to enter the ground / soil.
Clean-up methods:	Remove all sources of ignition. Spilled liquid is combustible and can be ignited by heat, flames, sparks, or other sources of ignition. Store in a closed container until ready for disposal. Soak up with inert absorbent.

7. HANDLING AND STORAGE

Handling:	Keep away from heat, spark and flame.
Storage:	Store in a cool, dry, well-ventilated area. Store away from heat, sparks, flames, or other sources of ignition.

Shelf Life Statement: Not available

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
Acetone	500 ppm TWA 750 ppm STEL	1,000 ppm (2,400 mg/m3) TWA	None	None
Propane	1,000 ppm TWA	1,000 ppm (1,800 mg/m3) TWA	None	None
n-Heptane	400 ppm TWA 500 ppm STEL	500 ppm (2,000 mg/m3) TWA	None	None
Xylenes	100 ppm TWA 150 ppm STEL	100 ppm (435 mg/m3) TWA	None	None
Ethylbenzene	100 ppm TWA 125 ppm STEL	100 ppm (435 mg/m3) TWA	None	None
Toluene	20 ppm TWA	200 ppm TWA 300 ppm Ceiling 500 ppm MAX. CONC 10 minutes	None	None

Engineering controls: Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

Respiratory protection: Use an organic vapor respirator for concentrations exceeding the Occupational Exposure Limit. Do not inhale vapors and fumes.

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

Skin protection: Chemical resistant, impermeable gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Aerosol
Color: Water white, Clear
Odor: Solvent
Odor threshold: Not available
pH: Not available
Vapor pressure: 760 mm hg
Boiling point/range: Not available
Melting point/ range: Not available
Vapor density: Not available
Flash point: -23 °C (-9.4 °F) ; This product exhibits flashback when tested for flame extension.
Flammable/Explosive limits - lower: Not available
Flammable/Explosive limits - upper: Not available
Autoignition temperature: Not available
Evaporation rate: Not available
Solubility in water: Not available
Partition coefficient (n-octanol/water): Not available
VOC content: 768.4 g/l

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous reactions: Will not occur.

Hazardous decomposition products: Oxides of carbon. Irritating and toxic gases or fumes may be released during a fire.

Incompatible materials: Acids and bases. Oxidizing agents. Oxidizing and spontaneously flammable products. Keep away from heat, spark and flame.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials.

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Acetone	No	No	No
Propane	No	No	No
n-Heptane	No	No	No
Xylenes	No	No	No
Ethylbenzene	No	Group 2B	No
Toluene	No	No	No

Hazardous components	Health Effects/Target Organs
Acetone	Blood, Central nervous system, Irritant, Reproductive
Propane	Cardiac, Central nervous system, Irritant
n-Heptane	Central nervous system, Irritant
Xylenes	Cardiac, Central nervous system, Irritant, Kidney, Liver
Ethylbenzene	Irritant, Central nervous system
Toluene	Behavioral, Cardiac, Central nervous system, Developmental, Ear, Irritant

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, ground water, 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: Do not puncture or incinerate pressurized containers. Dispose of according to Federal, State and local governmental regulations.

Hazardous waste number: D001: Ignitable.

14. TRANSPORT INFORMATION

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

Proper shipping name: Aerosols
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None
DOT Reportable quantity: Xylene (mixed), Acetone

International Air Transportation (ICAO/IATA)

Proper shipping name: Aerosols, flammable
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: AEROSOLS
Hazard class or division: 2.1
Identification number: UN 1950
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.
TSCA 12(b) Export Notification:	N-Heptane (CAS# 142-82-5).Xylenes (CAS# 1330-20-7).
CERCLA/SARA Section 302 EHS:	None above reporting de minimus
CERCLA/SARA Section 311/312:	Immediate Health, Delayed Health, Fire, Sudden Release
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). Xylenes (CAS# 1330-20-7). Ethylbenzene (CAS# 100-41-4).
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

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

16. OTHER INFORMATION

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

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