

LOCTITE[®]

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1. PRODUCT AND COMPANY IDENTIFICATION**Product name:** Loctite(R) 7649 Primer N
Product use: Primer**IDH number:** 135286
Item number: 19269
Region: Canada**Company address:**
Henkel Canada Corporation
2225 Meadowpine Boulevard
Mississauga, Ontario L5N 7P2**Contact information:**
Telephone: 905.814.6511
Emergency telephone: 905.814.6511
Internet: www.henkeln.com**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW****Physical state:** Liquid
Color: Green
Odor: Acetone
WHMIS hazard class: B.2, D.2.A, D.2.B**DANGER:** FLAMMABLE LIQUID AND VAPOR.
CAUSES EYE AND SKIN IRRITATION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.**Relevant routes of exposure:** Ingestion, Lungs, Eye contact, Skin**Potential Health Effects****Inhalation:** Vapors and mists will irritate nose and throat and possibly eyes. May cause respiratory tract irritation. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination. Breathing small amounts during normal handling is not likely to cause harmful effects; breathing large amounts may be harmful.
Skin contact: Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis. May cause skin irritation.
Eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation.
Ingestion: Harmful if swallowed.**Existing conditions aggravated by exposure:** Eye, skin, and respiratory disorders.

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Acetone	67-64-1	60 - 100
2-Ethylhexanoic acid	149-57-5	0.1 - 1

4. FIRST AID MEASURES**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice.
Skin contact: Wash with soap and water.
Eye contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time.
Ingestion: If conscious, drink plenty of water. Do not induce vomiting. Keep individual calm. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash point:	-20 °C (-4°F) ; Estimated
Autoignition temperature:	485 °C (905°F)
Flammable/Explosive limits - lower:	2.6 %
Flammable/Explosive limits - upper:	13 %
Extinguishing media:	Foam, dry chemical or carbon dioxide.
Special firefighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Unusual fire or explosion hazards:	Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
Hazardous combustion products:	Oxides of carbon. Oxides of nitrogen. Irritating organic vapours.
Sensitivity to Mechanical Impact:	Not available
Sensitivity to static discharge:	Not available

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 product to enter sewer or waterways.
Clean-up methods:	Remove all sources of ignition. Store in a partly filled, closed container until disposal. Ensure adequate ventilation. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling:	Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition.
Storage:	For safe storage, store at or below 49 °C (120.2 °F) Store away from heat, sparks, flames, or other sources of ignition.

For information on product shelf life contact Henkel Canada Customer Service at (905) 814-6511.

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
2-Ethylhexanoic acid	5 mg/m3 TWA Inhalable fraction and vapor.	None	None	None

Engineering controls:	Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.
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Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

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

Skin protection: Chemical resistant, impermeable gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Green
Odor: Acetone
Odor threshold: Not available
pH: Not available
Vapor pressure: 172 mm hg (20 °C (68°F))
Boiling point/range: Not available
Melting point/ range: Not available
Specific gravity: 0.7936
Vapor density: 2.0
Flash point: -20 °C (-4°F) ; Estimated
Flammable/Explosive limits - lower: 2.6 %
Flammable/Explosive limits - upper: 13 %
Autoignition temperature: 485 °C (905°F)
Evaporation rate: 1.9 (Ether = 1)
Solubility in water: Miscible
Partition coefficient (n-octanol/water): Not available
VOC content: 1.48 %; 11.7 g/l EPA Method 24

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous reactions: Will not occur.

Hazardous decomposition products: Oxides of nitrogen. Oxides of carbon. Irritating organic vapours.

Incompatible materials: Strong oxidizing agents. Reducing agents. Acids. Alkali metals.

Conditions to avoid: See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

11. TOXICOLOGICAL INFORMATION

Toxicologically synergistic products: Not available

Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)	ACGIH Carcinogen
Acetone	No	No	No	Group A4
2-Ethylhexanoic acid	No	No	No	No

Hazardous components	LD50s and LC50s	Health Effects/Target Organs
Acetone	Oral LD50 (RAT) = 5,800 mg/kg Oral LD50 (rabbit) = 5,340 mg/kg Oral LD50 (RAT) = 9,800 mg/kg Dermal LD50 (rabbit) = 20,000 mg/kg Dermal LD50 (rabbit) = 20 mg/kg Inhalation LC50 (RAT, 4 h) = 76 mg/l Inhalation LC50 (RAT, 8 h) = 50.1 mg/l	Blood, Central nervous system, Irritant, Reproductive
2-Ethylhexanoic acid	Oral LD50 (RAT) = 1,600 - 3,000 mg/kg Oral LD50 (rabbit) = 1,300 mg/kg Dermal LD50 (rabbit) = 1,260 mg/kg	Developmental, Eyes, Irritant, Liver, Reproductive

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.

14. TRANSPORT INFORMATION

Canada Transportation of Dangerous Goods - Ground

Proper shipping name: ACETONE solution
Hazard class or division: 3
Identification number: UN 1090
Packing group: II
Exceptions: May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG regulations.

International Air Transportation (ICAO/IATA)

Proper shipping name: Acetone solution
Hazard class or division: 3
Identification number: UN 1090
Packing group: II
Exceptions: May Qualify as Consumer Commodity, ID8000, (Not more than 500 ml)

Water Transportation (IMO/IMDG)

Proper shipping name: ACETONE solution
Hazard class or division: 3
Identification number: UN 1090
Packing group: II
Exceptions: Limited quantity (Not more than 1 L).

15. REGULATORY INFORMATION

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

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.

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR), and the MSDS contains all the information required by the CPR.

Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs

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