

Revision Date: 01/04/2008

Issue date: 01/04/2008

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite(R) Locquic(R) Primer T 7471 Aerosol Product Use: Primer Company address: Henkel Canada, Inc. 2225 Meadowpine Boulevard Mississauga, Ontario L5N 7P2	Item No. : 22477 / IDH No. 135337 Region: Canada Contact Information: Telephone: 905.814.6511 Emergency telephone: 905.814.6511 Internet: www.loctite.com
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2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Acetone 67-64-1	60-100	500 ppm TWA 750 ppm STEL	1000 ppm TWA 2400 mg/m ³ TWA	None
Isobutane 75-28-5	10-30	1000 ppm TWA	None	None
Isopropyl alcohol 67-63-0	5-10	200 ppm TWA 400 ppm STEL	400 ppm TWA 980 mg/m ³ TWA	None
2-Mercaptobenzothiazole 149-30-4	0.1-1	None	None	5 mg/m ³ , skin, dermal sensitizier TWA, (WEEL)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state:	Aerosol	WHMIS hazard class:	A, B.5, D.2.A, D.2.B
Color:	Yellow to Amber		
Odor:	Acetone		
DANGER:	FLAMMABLE LIQUID AND VAPOR. CAUSES EYE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION.		

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

Potential Health Effects

Inhalation:	May cause respiratory tract irritation. Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.
Skin contact:	Irritating to skin. Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis.
Eye contact:	Vapors may irritate eyes. Contact with eyes will cause irritation.
Ingestion:	Moderately toxic by ingestion.

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

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If discomfort persists seek medical attention.
Skin contact:	Immediately flush skin with plenty of water (using soap, if available).
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. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point:	-8.3°C (17°F) (Base only) Tagliabue closed cup (estimated)
Autoignition temperature:	Not available
Flammable/Explosive limits-lower %:	Not available
Flammable/Explosive limits-upper %:	Not available
Extinguishing media:	Foam, dry chemical or carbon dioxide.
Special fire fighting 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:	Irritating organic vapors. Oxides of carbon. Oxides of nitrogen. Oxides of sulfur.
Sensitivity to mechanical impact:	Not available.
Sensitivity to static discharge:	Not available.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent product from entering drains or open waters.
Clean-up methods:	Remove all ignition sources. Ensure adequate ventilation. 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. Avoid breathing 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:	Store away from heat, sparks, flames, or other sources of ignition. For safe storage, store at or below 49°C (120°F).
Incompatible products:	Refer to Section 10.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Eye/face protection:

Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Aerosol
Color:	Yellow to Amber
Odor:	Acetone
Odor Threshold:	Not available
Vapor pressure:	Approximately 172 mmHg @20°C (68° F) (Base only)
pH:	Not applicable
Boiling point/range:	Not available
Melting point/range:	Not available
Specific gravity:	.7953 Base only
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Miscible
Partition coefficient (n-octanol/water):	Not available
VOC content:	8.31%; 106 grams/liter

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Oxides of carbon. Oxides of nitrogen. Oxides of sulfur. Irritating organic vapors.
Incompatibility:	Strong oxidizers.
Conditions to avoid:	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

11. TOXICOLOGICAL INFORMATION

Product toxicity data:	Not available
Toxicologically synergistic products:	Not available.

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

Ingredient Toxicity Data & Carcinogen Status

Hazardous components	LD50s & LC50s	Other LD50s and LC50s	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen	ACGIH - Carcinogens
Acetone 67-64-1	Oral LD50 (Rat) = 1800 mg/kg Dermal LD50 (Rabbit) = 20000 mg/kg Inhalation LC50 (Rat) = 76 mg/L	None	No	No	No	A4 - Not Classifiable as a Human Carcinogen
Isobutane 75-28-5	Inhalation LC50 (Rat) = 658 mg/L	None	No	No	No	No
Isopropyl alcohol 67-63-0	Dermal LD50 (Rabbit) = 12800 mg/kg Dermal LD50 (Rat) = 12800 mg/kg Oral LD50 (Rat) = 4396 mg/kg Inhalation LC50 (Rat) = 72.6 mg/L	None	No	No	No	A4 - Not Classifiable as a Human Carcinogen
2-Mercaptobenzothiazole 149-30-4	Oral LD50 (Rat) = 100 mg/kg Dermal LD50 (Rabbit) > 7940 mg/kg	None	No	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Acetone 67-64-1	Blood, Central nervous system, Irritant, Reproductive
Isobutane 75-28-5	Cardiac, Central nervous system, Lung
Isopropyl alcohol 67-63-0	Allergen, Blood, Central nervous system, Irritant, Kidney, Liver, Brain, Spleen
2-Mercaptobenzothiazole 149-30-4	Allergen, Kidney, 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: Dispose of in accordance with federal and local regulations.

14. TRANSPORT INFORMATION

Canada Transportation of Dangerous Goods - Ground:

Proper shipping name: Aerosols, flammable
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None
Exceptions: May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG regulations.

International Air Transportation (ICAO/IATA):

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

Item No. : 22477 / IDH No. 135337

Product name: Loctite(R) Locquic(R) Primer T 7471 Aerosol

Exceptions:

May Qualify as Consumer Commodity ID8000 (Not more than 500 ml)

WaterTransportation (IMO/MDG):

Proper shipping name: Aerosols, flammable
Hazard class or division: 2
Identification number: UN 1950
Packing group: None
Marine pollutant: None
Exceptions: Limited quantity (Not more than 1 L)

15. REGULATORY INFORMATION**Canada Regulatory Information**

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the 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: 2, 11

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Product Regulations.

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