

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Locquic(R) Rapid Cure Primer NF
 Item No.: 7173647 Part of Kit: 03333
 Product Type: Aerosol Primer

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
TRICHLOROETHYLENE*	79-01-6	85-90
ISOPROPYL ALCOHOL	67-63-0	5-10
CARBON DIOXIDE	124-38-9	3-5
Aldehyde-amine condensate	68411-19-8	1-3
Organocopper compound	13395-16-9	0.1-1

* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
TRICHLOROETHYLENE	50 ppm TWA 269 mg/m ³	50 ppm TWA 270 mg/m ³	None
ISOPROPYL ALCOHOL	400 ppm TWA 983 mg/m ³	400 ppm TWA 980 mg/m ³	400 ppm TWA DuPont AEL
CARBON DIOXIDE	5,000 ppm TWA 9,000 mg/M ³	10,000 ppm TWA 18,000 mg/M ³	None
Organocopper compound	Cu 0.2mg/m ³ fume Cu 1 mg/M ³ dust	Cu 0.1mg/m ³ TWA Cu 1 mg/M ³ dust	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
TRICHLOROETHYLENE	100 ppm 537 mg/m ³	200 ppm 1080 mg/m ³
ISOPROPYL ALCOHOL	500 ppm 1230 mg/m ³	500 ppm 1225 mg/m ³
CARBON DIOXIDE	30,000 ppm 54,000 mg/M ³	30,000 ppm 54,000 mg/M ³

3. HAZARDS IDENTIFICATION

Toxicity: Eye irritant. Moderately toxic by ingestion.
 Estimated Dermal LD50 greater than 2000 mg/kg.
 Primary Routes of Entry: Inhalation, ingestion, eye and skin contact.
 Signs and Symptoms of Exposure: Headache, nausea, dizziness. Narcosis at high concentration.
 Existing Conditions Aggravated by Exposure: Isopropyl alcohol: Skin, eye, and respiratory disorders.
 Aldehyde-amine condensate: Eye disorders.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
TRICHLOROETHYLENE	BEH CAR CNS IRR KID LIV SOM	YES	2A	NO
ISOPROPYL ALCOHOL	ALG BLO CNS IRR KID	NO	N/A	NO
CARBON DIOXIDE	CNS	NO	NO	NO
Aldehyde-amine condensate	No Data	NO	NO	NO
Organocopper compound	BLO IRR KID LIV	NO	NO	NO

Abbreviations

N/A Not Applicable
 ALG Allergen
 BLO Blood
 CNS Central nervous system
 KID Kidney
 SOM Evidence of some carcinogenicity
 2A Probably carcinogenic to humans
 BEH Behavioral
 CAR Cardiac
 IRR Irritant
 LIV Liver

LOCTITE CORPORATION

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ISSUED 12/12/00
11:15:08
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4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Flush with water.
Eye Contact: Flush with water for at least 15 minutes. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: 168°F (Base only) Method: Tag Closed Cup
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
Special Firefighting Procedures: Not available
Hazardous Products formed by Fire or Thermal Decomp: Toxic chlorides.
Unusual Fire or Explosion Hazards: Cans may rupture in fires.
Explosive Limits:
(% by volume in air) Lower Trichloroethylene 8.0%
Isopropyl alcohol 2.0%
(% by volume in air) Upper Trichloroethylene 10.5%
Isopropyl alcohol 12.7%, at 200°F

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Allow to evaporate with good ventilation. Soak up with an inert absorbent. Store in a closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Store below 110°F
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
Handling: Avoid prolonged breathing of vapors. Keep away from eyes. Avoid prolonged skin contact.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Provide adequate local ventilation to maintain vapor concentration below TLV.
Respiratory: Not available
See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid
Odor: Sharp
Boiling Point: 170-180°F
pH: Does not apply
Solubility in Water: Slight
Specific Gravity: 1.3 at 80°F
Volatile Organic Compound (EPA Method 24) 95.6%; 1243 grams per liter.
Vapor Pressure: Approximately 100mm at 70°F
Vapor Density: Approximately 4.5
Evaporation Rate (Ether = 1) 3.1

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Solvent may react violently with aluminum on prolonged contact.

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(continued)

10. STABILITY AND REACTIVITY

Conditions to Avoid: Not available
Hazardous Decomposition Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Follow EPA and local regulations for disposal of chlorinated hydrocarbons under pressure.
EPA Hazardous Waste Number: D001/D040 - Hazardous waste per 40CFR 261.21 and a TCLP waste per 261.24/Trichloroethylene

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: Consumer Commodity
Hazard Class or Division: ORM-D
Identification Number: None
Marine Pollutant: None
IATA
Proper Shipping Name: Aerosols, non-flammable, containing substance in Division 6.1, Packing Group III
Class or Division: Class 2.2, Subsidiary Risk 6.1
UN or ID Number: UN 1950

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Estimated NFPA(R) Code:
Health Hazard: 2
Fire Hazard: 2
Reactivity Hazard: 1
Specific Hazard: Does not apply

Estimated HMIS(R) Code:
Health Hazard: 2
Flammability Hazard: 2
Reactivity Hazards: 1
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

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