

500-1

MATERIAL SAFETY DATA SHEET

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I. PRODUCT IDENTIFICATION

Product Name: Gasket Remover
Item No.: 81110
Product Type: Solvent
Formula No.: Does not apply

II. COMPOSITION

Ingredients	CAS No.	%
METHYLENE CHLORIDE*	75-09-2	70-75
PROPANE	74-98-6	15-20
ISOBUTANE	75-28-5	7-10
METHYL ALCOHOL*	67-56-1	3-5

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

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: 380 mm at 72°F
Vapor Density: 2.9
Solubility in Water: Slight
Specific Gravity: 1.3 at 70°F
Boiling Point: Approximately 100°F
Volatile Organic Compound (EPA Method 24) 782 grams per liter less exempt compounds
1287 grams per liter, exempt compounds included
(Base only)
Evaporation Rate (Ether = 1) Not available
pH: Does not apply
Appearance: Clear liquid
Odor: Pungent

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point: Propellants: Approximately 49°F
Base: Not Available Method: Tag Open Cup
Estimated NFPA Code:
Health Hazard: 2
Fire Hazard: 4
Reactivity Hazard: 1
Specific Hazard: Does not apply
Estimated HMIS Code:
Health Hazard: 2*
Flammability Hazard: 4
Reactivity Hazard: 1
Personal Protection: See Section X.
Explosive Limits:
(% by volume in air) Lower 12% Methylene chloride
6% Methanol
2% Propellants
(% by volume in air) Upper 19% Methylene chloride
36% Methanol
10% Propellants
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
Hazardous Products Formed by Fire or Thermal Decomp Toxic Chlorides
Unusual Fire or Explosion Hazards: Cans may rupture in fires.
Compressed Gases: Propane/isobutane
Pressure at Room Temp.: 50-60 psi

V. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Allow to evaporate with good ventilation.
Recommended methods of disposal: Follow EPA and local regulations for disposal of chlorinated hydrocarbons. Do not incinerate cans still under pressure.

VI. STORAGE AND HANDLING PROCEDURES

Storage: Do not store near heat or flame.
Handling: Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged skin contact.

See MSDS

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Product Name: Gasket Remover
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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, flammable, n.o.s. containing
substances in Division 6.1, Packing Group III

Class or Division:

Class 2.1 Subsidiary Risk 6.1

UN or ID Number:

UN 1950

VIII. REACTIVITY DATA

Stability:

Stable

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition

Products (non-thermal):

None

Incompatibility:

Active metals

IX. EMERGENCY TREATMENT PROCEDURES

Ingestion:

Induce vomiting only if individual is conscious.
Obtain medical attention.

Inhalation:

Remove to fresh air. If symptoms persist, obtain
medical attention.

Skin Contact:

Wash with soap and water.

Eye Contact:

Flush at least 15 minutes with water. Obtain
medical attention.X. PERSONAL PROTECTION

Eyes:

Safety glasses or goggles.

Skin:

Rubber or plastic gloves.

Ventilation:

Provide adequate local ventilation to maintain
vapor concentration below TLV.XI. HEALTH HAZARD DATA

Toxicity:

Eye irritant. Skin irritant. Moderately toxic
by ingestion or inhalation.

Primary Routes of Entry:

Estimated dermal LD50 more than 2000 mg/kg.

Signs and Symptoms
of Exposure:Inhalation, ingestion, contact.
Headache, nausea, dizziness. Narcosis at high
concentrations.

Existing Conditions

Aggravated by Exposure:

None known

Exposure Limits (TWA)
IngredientsACGIH
(TLV)OSHA
(PEL)

OTHER

METHYLENE CHLORIDE

50 ppm TWA
174 mg/m³500 ppm TWA
1000 ppm ceiling

None

PROPANE

Asphyxiant

1000 ppm
1800 mg/m³

None

METHYL ALCOHOL

200 ppm TWA skin
262 mg/m³ skin200 ppm TWA skin
262 mg/m³ skin

None

Exposure Limits (STEL)
IngredientsACGIH
(TLV)OSHA
(PEL)

METHYLENE CHLORIDE

None

300 ppm 5 minutes
in 3 hours

METHYL ALCOHOL

250 ppm skin
328 mg/m³ skin250 ppm skin
325 mg/m³ skinIngredients for which no Exposure Limits have been established are not
listed above.

Ingredients

Literature Referenced

Target Organ and Other Health Effects

Carcinogen

NTP IARC OSHA

METHYLENE CHLORIDE

AC2 EYE IRR LIV MET MUT NER

YES 2B NO

PROPANE

HRT NER

NO NO NO

ISOBUTANE

HRT LUN NER

NO NO NO

METHYL ALCOHOL

EYE GAS IRR NER REP TER

NO NO NO

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Product Name:
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81110XI. HEALTH HAZARD DATA

(continued)

Abbreviations

2B Possibly carcinogenic to humans

EYE Eyes

HRT Heart

LIV Liver

MET Metabolic

NER Nervous System

TER Teratogenic

AC2 ACGIH suspected human carcinogen

GAS Gastrointestinal

IRR Irritant

LUN Lung

MUT Mutagen

REP Reproductive

XII. PREPARATION INFORMATION

Prepared By:

Title:

Company:

(24hr.) Phone:

Revision Date:

Stephen Repetto

Research Chemist, Environmental Health & Safety

Loctite Corp., 705 N. Mt. Rd, Newington, CT 06111

(203) 278-1280

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