

**MSDS**

ITEM NUMBER: 719 - SPRAYWAY GASKET REMOVER

VERSION 3 EFFECTIVE DATE: 04/23/01 SUPERCEDES: 08/14/00 PREPARED BY: Ron Cepa

Sections Revised: II, III, IV, V, VI, IX

IDENTITY (As Used On Label and List): GASKET REMOVER

EMERGENCY MEDICAL Telephone# 1-800-228-5635 (24 Hrs)

Outside of the U.S.A. Call 651-632-9275

PRODUCT HAZARD RATINGS (HMIS): - Health = 2\*, Fire = 2, Reactivity = 1, Protective Equipment = B  
(Rating Legend: 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)**SECTION I**SPRAYWAY INC.  
484 VISTA AVE.  
ADDISON, IL 60101

TELEPHONE NUMBER FOR INFORMATION: 1-800-332-9000

DATE PRINTED: 12/05/03

NAME OF PREPARER: Ron Cepa

**SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

Chemical Names	CAS#	SARA Title III SEC 313	ACGIH TLV-TWA/STEL	OSHA PEL-TWA/STEL	% By Wt.
Methylene chloride	75-09-2	YES	50 ppm	25 ppm	70-80
Methanol	67-56-1	YES	200 ppm*	200 ppm*	1-5
Toluene	108-88-3	YES	50 ppm*	100 ppm	1-50
Liquefied petroleum gas mixture	See below	NO	--	--	10-20
Propane	74-98-6	--	1000 ppm	NE	--
n-Butane	106-97-8	--	600 ppm	NE	--

Balance of ingredients are non-hazardous or below reportable levels.

\* Skin

**SECTION III - PHYSICAL CHARACTERISTICS**

Boiling Point: NA Vapor Pressure (psig): 60-70 @ 130F Specific Gravity (H2O=1): 1.0782  
 Solubility/Water: Negligible Vapor Density (AIR=1): ND Evaporation Rate (Ether=1): <1  
 Appearance and Odor: Aerosol spray with characteristic odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Aerosol Flammability: Product is to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45.

Flashpoint: &lt;0F (Propellant); &gt;200F (Concentrate)

Flammable Limits - % Volume In Air (Propellant): LEL: 1.9 UEL: 9.5

Extinguishing Media: Carbon dioxide, water spray, foam, or dry chemical.

Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up.

Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

Unusual Fire and Explosion Hazards: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

**SECTION V - REACTIVITY DATA**

Stability: Stable Hazardous Polymerization: NA  
 Incompatibility (Materials to Avoid): Strong oxidizers.  
 Hazardous Decomposition Products: Carbon monoxide, hydrocarbon vapors, hydrochloric acid.  
 Conditions to Avoid: Keep away from heat, sparks, flames and electric arcs. Dropping of containers may cause bursting.

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry - Inhalation: X Eyes: X Skin: X Ingestion:

HAZARDS IDENTIFICATION: EYES: May cause moderate irritation. SKIN: Prolonged or repeated contact may dry the skin and lead to irritation (i.e. dermatitis). INHALATION: Prolonged exposure can be irritating to eyes, nose and respiratory tract. Can be harmful or fatal at high concentrations. INGESTION: Not hazardous in normal industrial use.

Can cause blindness. May cause nausea, vomiting, pain, and stomach upset (e.g., diarrhea).

CHRONIC EFFECTS/TARGET ORGANS: Liver. Kidneys. Nervous system. Eyes. Heart and/or circulatory system.

EMERGENCY AND FIRST AID PROCEDURES: EYES: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention. SKIN: Wash with soap and plenty of water. INHALATION: Remove to fresh air. If symptoms develop,

seek immediate medical attention. If not breathing, give artificial respiration. **INGESTION:** Get immediate medical attention. Do NOT induce vomiting unless directed by medical personnel. Rinse mouth with water and give another cupful to drink. Never give anything by mouth to an unconscious person.

**CARCINOGENICITY:**

	ACGIH	IARC	NTP	OSHA
Methylene chloride	A2	2B	Yes	Yes

**TOXICITY INFORMATION:****Methylene chloride:**

Can cause liver and kidney damage and arrhythmias. Benign and malignant lung and liver tumors were observed in mice; increases in benign mammary tumors in rats. Bone marrow micronucleus was negative. Found to be mutagenic in bacteria.

LD50 Oral (Rat): 1600 mg/kg

**Methanol:**

Reported to cause birth defects in rats exposed to 20,000 ppm.

**Toluene:**

Prolonged or deliberate inhalation of this chemical may cause brain and nervous system damage. Prolonged and repeated exposures of pregnant animals has been reported to cause adverse fetal developmental effects.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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**Releases or Spills:** Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

**Waste Disposal Method:** Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

**Handling And Storing:** Avoid breathing vapor. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 120F (48.9C). Store as Level 1 Aerosol (NFPA 30B).

**Other Precautions:** Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

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**SECTION VIII - EMPLOYEE PROTECTION**

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**Respiratory Protection (Type):** None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

**Ventilation:** Local exhaust is adequate under normal conditions, mechanical ventilation is optional.

**Protective Gloves:** Chemical resistant gloves are recommended - consult glove manufacturer to determine the proper type for a specific operation.

**Eye Protection:** Safety glasses are recommended.

**Other Protective Clothing or Equipment:** Wear impervious clothing to prevent skin contact.

**Work/Hygienic Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

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**SECTION IX - OTHER REGULATORY CONTROLS**

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**FEDERAL:**

**Toxic Substance Control Act (TSCA):** Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

**STATE RIGHT-TO-KNOW:****California:**

**Proposition 65:** Warning: This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm.

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**SECTION X - TRANSPORTATION REQUIREMENTS (D.O.T. CLASSIFICATION)**

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Shipping Name: Consumer Commodity      Hazard Class: ORM-D

NG-- Negligible    NA-- Not Applicable    NE-- Not Established    UN-- Unavailable    ND-- Not Determined

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.

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