

MATERIAL SAFETY DATA SHEET

PRODUCT NAME Gasket Remover (aerosol) #05021	# MSDS005021
MANUFACTURED BY: CRC CHEMICALS	Phone (215) 674-4300
885 LOUIS DRIVE, WARMINSTER, PA. 18974	

1. INGREDIENTS	CAS #	ACGIH TLV	OSHA PEL	Other Limits	%
Dichloromethane	75-09-2	100	500		65.0
Isopropyl alcohol	67-63-0	400	400		10.0
Mineral spirits	8057-41-35	100	500		<5.0
Isobutane	75-28-5	N/A		800	
Propane	74-98-6	N/A	1000		20.0
Inert wax and thickener					6.0
Aqua ammonia	1336-21-6	50	50		0.4
Note : Isobutane and propane mix function as an aerosol propellant					

2. PHYSICAL DATA (without propellant)		
Specific Gravity 1.264	Vapor Pressure 304 mm Hg	% Volatile 94 %
Boiling Point 104 °F	Evaporation Rate	
Freezing Point N/A	Vapor Density Heavier than air	
Appearance and Odor Viscous, opaque liquid - sweet ether odor		
Solubility Slight solubility in water.		

3. FIRE AND EXPLOSION DATA		
Flashpoint 20°F	Method TCC	Flammable Limits N/A
Extinguishing Media Water, fog, CO ₂	LEL	UEL
Unusual Hazards Flammability is due to propellents and is reduced quickly.		

4. REACTIVITY AND STABILITY	
Stability Stable	
Hazardous decomposition products Thermal - Hydrogen chloride, chlorine and small amounts of phosgene	
Materials to avoid Amines and active metals such as sodium, potassium and magnesium.	

5. PROTECTION INFORMATION	
Ventilation Mechanical means to control vapors below TLV.	
Respiratory Self contained breathing apparatus above TLV.	
Gloves Solvent resistant	Eye & Face Safety glasses
Other Protective Equipment Not needed for aerosol usage.	

6. HEALTH HAZARD DATA

Primary Routes of Entry Inhalation and skin

Signs and Symptoms of Exposure

1. Acute Overexposure Inhalation - anesthetic effects or narcotic effects. May be irritating. Skin - moderately irritating. Eyes - may cause pain and irritation.

2. Chronic Overexposure May cause dermatitis.

Medical Conditions Generally Aggravated by Exposure High concentrations may cause myocardial irritability.

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes [] No [X] IARC Monographs Yes [] No [X] OSHA Yes [] No [X]

Emergency and First Aid Procedures (if symptoms persist, call physician)

1. Inhalation Remove to fresh air - apply artificial respiration if needed.

2. Eyes Flush with water for 15 minutes.

3. Skin Wash with water for 5-15 minutes - Remove contaminated clothing.

4. Ingestion Do not induce vomiting - call a physician.

7. SPILL OR LEAK PROCEDURES

Precautions to be taken in Handling and Storage Store in a cool, dry area.

Steps to be taken in case Materials is released or spilled Ventilate area - Use absorbent material to pick up - Store in a closed container.

Waste Disposal Partially used and full aerosols Hazardous Waste when discarded. Must be handled in conformance to regulations.

8. SPECIAL PRECAUTIONS AND USE DIRECTIONS

Aerosols may explode when exposed to temperatures over 130°F.

If large areas are covered it is important to ventilate area. Vapors are heavier than air and will collect in low areas.

PREPARED BY: Allen B. Reed

ORIGINAL DATE OR DATE OF REVISION April 1987