

Material Safety Data Sheet

ITW Performance Polymers - Versachem

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GASKET REMOVER AEROSOL

This product appears in the following stock number(s):
41008

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: GASKET REMOVER AEROSOL
General use: Aerosol
Chemical family: Aerosol specialty product

MANUFACTURER

ITW Performance Polymers - Versachem
2107 West Blue Heron Blvd.
Riviera Beach, FL 33404

EMERGENCY INFORMATION

Emergency telephone number
(CHEMTREC): (800) 424-9300
(CHEMTREC International): 703-527-3887
Other Calls: (561) 845-2425

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Abbr.	Weight%	ACGIH TLV: TWA	OSHA PEL:	Other Limits
METHYLENE CHLORIDE 75-09-2	MCL	60-100	50 ppm TWA; 174 mg/m ³ TWA	25 ppm TWA (8h); 125 ppm STEL (15 min.)	n/e
PETROLEUM GASES, LIQUEFIED, SWEETENED 68476-86-8	n/e	10-30	1000 ppm TWA	n/e	n/e
METHANOL 67-56-1	n/e	1-10	n/e	200 ppm TWA; 260 mg/m ³ TWA	200 ppm Canada
TRADE SECRET (Non-hazardous) MIXTURE	n/e	Balance	n/e	n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identify is a trade secret of our supplier and unknown to us.

3. HAZARDOUS IDENTIFICATION

Emergency Overview

Appearance, form, odor: Aerosol with solvent odor

DANGER!. Extremely Flammable. Eye, skin and respiratory irritant. May cause central nervous system effects. Overexposure may cause delayed lung effects. Chronic overexposure may cause liver and kidney effects.

Potential health effects

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation

Symptoms of acute overexposure

Skin: Moderate Skin Irritation: signs/symptoms can include redness, swelling, itching, and dryness.

Eyes: Causes moderate eye irritation. Moderate eye irritant (stinging, burning sensation, tearing, redness, swelling).

Inhalation: Excessive inhalation causes headache, dizziness, nausea and incoordination. In confined spaces: may cause loss of consciousness and asphyxiation. May affect the heart and cardiovascular system.

Ingestion: May cause gastric distress (nausea, vomiting, diarrhea). May cause central nervous system effects.

Effects of Chronic Exposure: Long term overexposure to solvents have been associated with lung, liver and kidney damage. May cause central nervous system effects. Ingestion may result in blindness. Cardiovascular effects. Inhalation of high concentrations of Methylene Chloride vapor over long periods of time (years) has caused cancer in laboratory animals.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
METHYLENE CHLORIDE 75-09-2	60-100	Reasonably anticipated to be a human carcinogen	A3 Confirmed animal carcinogen with unknown relevance to humans	Group 2B Monograph 71, 1999

Medical Conditions Recognized as Being Aggravated by Exposure:

Preexisting pulmonary and dermatological disorders. Cardiovascular problems may be aggravated by overexposure to methylene chloride.

4. FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Notes to Physician: Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

5. FIRE FIGHTING MEASURES

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, foam

Flash point: Flammable aerosol per flame projection test **Method:** Estimate

Lower Explosive Limit: n/d **Upper Explosive Limit:** n/d

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers.

Unusual Fire/Explosion Hazards:

Contents under pressure. Heated cans may burst. Do not puncture or incinerate container. Irritating or toxic gases or fumes may be generated by thermal decomposition or combustion.

Hazardous Products of Combustion:

Oxides of carbon, Oxides of nitrogen, Phosgene

6. ACCIDENTAL RELEASE MEASURES

Spill Control: Avoid personal contact. Eliminate ignition sources. Ventilate area. Wear the appropriate personal protective equipment.

Containment: Dike, contain and absorb with clay, sand or other suitable material.

Cleanup: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

Special procedures: Prevent spill from entering drainage/sewer systems, waterways and surface water. Use non-sparking tools.

7. HANDLING AND STORAGE

Handling precautions: Avoid breathing vapors or mists. Do not ingest. Avoid contact with the skin and the eyes. Wear appropriate personal protective equipment. Intentional misuse by concentrating and inhaling the vapor may be harmful or fatal. Keep away from sources of ignition - No smoking. Do not puncture or incinerate container.

Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:

Ventilation:

General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Other engineering controls: Observe label precautions. Have emergency shower and eye wash available.

Personal protective equipment

Eye and face protection: Safety glasses with side shields.

Skin protection: Chemical-resistant gloves (Neoprene, nitrile) and other gear as required to prevent skin contact.

Respiratory protection: A NIOSH/MSHA air purifying respirator with an organic vapor cartridge may be permissible, however use a positive pressure air supplied respirator if there is any potential for uncontrolled release, or unknown exposure levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.17-1.27

Boiling Point: >100°F

Melting point: n/d

Vapor Density (Air=1): >1

Vapor Pressure: n/d

Evaporation Rate: >1 (butyl acetate = 1)

VOC: 24% by weight

Solubility in water: Slight

pH (5% solution or slurry in water): n/a

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to Avoid: Keep away from heat, sparks and flame.

Incompatibilities: Strong oxidizers

Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen, Phosgene

Conditions under which hazardous polymerization may occur: None known.

11. TOXICOLOGICAL INFORMATION

Eye Contact: No data available.

Subchronic effects: None known.

Carcinogenicity, teratogenicity and mutagenicity: 1) Methylene chloride has been shown to cause harm to the fetus in laboratory studies. harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain; 2) Laboratory animals exposed to high levels of Methylene chloride in lifetime studies have developed cancer..

Other chronic effects: Chronic overexposure to solvents has caused liver, kidney and central nervous system damage in laboratory animals.

Toxicological information on hazardous chemical constituents of this product:

Component	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
METHYLENE CHLORIDE 75-09-2	1410 mg/kg	>2000 mg/kg	n/d
PETROLEUM GASES, LIQUEFIED, SWEETENED 68476-86-8	n/d	n/d	n/d
METHANOL 67-56-1	5628 mg/kg	15800 mg/kg	64000 mg/kg/4h
TRADE SECRET (Non-hazardous) MIXTURE	n/d	n/d	n/d

'n/d' = not determined

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12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Mobility and persistence: No data available.

Environmental fate: No data available.

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Recommended Method of Disposal: If this product becomes a waste, it would be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state and local regulations. This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label. If recycling is not available, wrap the container and discard in the trash.

US EPA Waste Number: D001/F002 - Hazardous waste per 40CFR 261.21 and 261.31 (Methylene Chloride).

14. TRANSPORT INFORMATION

Proper shipping name: *Aerosols, flammable, containing substances in Division 6.1 Packing Group III

Technical name: N/A

Hazard class: 2.1, 6.1

UN/ID Number: 1950

Packing group: N/A

Emergency Response Guide no: 126

IMDG page number: Not determined

*Depending upon the size and type of container, this material may be reclassified as "Consumer Commodity, ORM-D" for shipments within the United States, or "Limited Quantity" elsewhere. Refer to the appropriate regulation.

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:

All ingredients of this product are listed or are exempt from listing on the TSCA Inventory.

The following RCRA code(s) applies to this material if it becomes waste:

D001/F002

Regulatory status of hazardous chemical constituents of this product:

Component	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
METHYLENE CHLORIDE 75-09-2	No	Yes	1000 lbs. (454 kg)	Not required
PETROLEUM GASES, LIQUEFIED, SWEETENED 68476-86-8	No	No	0.0	Not required
METHANOL 67-56-1	No	Yes	5000 pounds (2270 kg)	Not required
TRADE SECRET (Non-hazardous) MIXTURE	No	No	0.0	Not required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance List.

**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: Immediate health hazard, Delayed health hazard, Fire hazard, Sudden release of pressure hazard

California regulations: For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65), this product contains a chemical(s) known to cause cancer and birth defects or other reproductive harm.

Canadian Regulations

WHMIS Hazard Class: A COMPRESSED GAS, B5 FLAMMABLE AEROSOLS, D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

16. OTHER INFORMATION**Hazardous Material Information System (HMIS) rating:**

Health 3* Flammability 4 Physical Hazard 0

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

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