

MATERIAL SAFETY DATA SHEET
 (Complies with OSHA Communication Standard 29CFR 1910.1200 Dept. of Labor.)

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

GASKET EATER

Revision Date: 1/12/93
 MANUFACTURER/SUPPLIER'S/NAME: frederickseal inc. (distributor)
 461 Straw Rd, Manchester, NH 03102 603-668-0900

COMPOSITION/INFORMATION ON INGREDIENTS

| PRODUCT CAS REG NO. | COMPOSITION/ WGT. % | ACGIH TLV | | OSHA PEL | | UNITS |
|---------------------------------------|------------------------|-----------|------------|----------|------------|-------|
| | | TWA | STEL | TWA | STEL | |
| Methylene Chloride 75-09-2 | 60-70 | 50 | NA | 25 | 125 | ppm |
| Propane/Isobutane/n-Butane 74-98-6 | 20-30 | 1000 | Asphyxiant | 1000 | Asphyxiant | ppm |
| Methanol 67-56-1 | 1-10 | 200 skin | 250 | 200 | NA | ppm |

Additional Component Information:
 NA

HAZARDS IDENTIFICATION

HEALTH HAZARD DATA (ACUTE AND CHRONIC)

May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal.

OTHER:

Absorption through the skin is possible. Eye irritation may be severe. May cause cardiac abnormalities. Methanol may cause blindness or death if swallowed. Methylene chloride will have an effect on the cardiovascular system.

CARCINOGENICITY:

Inhalation of high concentrations of Methylene Chloride vapor over long periods of time has caused cancer in laboratory animals.

FIRST AID

Give oxygen. Do not induce vomiting. Wash eyes and skin with water for 15 minutes. Get medical help. Never administer adrenalin following overexposure.

ROUTES OF ENTRY

Ingestion, Inhalation, Skin

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Inhalation - Difficulty in breathing. Skin - redness. Ingestion - vomiting.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Heart Disease, Respiratory Disorders, alcoholism, liver and kidney disease, lung disease, anemia, rhythm disorders of the heart.

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point -40F to 148F
 Vapor Pressure at 76F 60
 VAPOR DENSITY (AIR=1) 4.0
 EVAP. RATE (BUTYL ACETATE=1) >1

SPECIFIC GRAVITY (WATER=1) 0.9
Solubility Nil
Appearance Clear
Odor Solvent
PH: Not Applicable

STABILITY AND REACTIVITY

STABILITY: STABLE
INCOMPATIBILITY:- Strong oxidizers strong alkalis reactive metals aluminum oxygen, nitrogen peroxide, sodium, potassium
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:- Carbon dioxide, Chlorine, Hydrogen chloride, Phosgene.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

Ozone Depleting Substances:

None

HMIS:

FLAMMABILITY 4, REACTIVITY 0, HEALTH 3

NFPA:

FLAMMABILITY 4, REACTIVITY 0, HEALTH 2

SARA 313 TITLE III - TOXIC CHEMICALS LIST:

Methanol (CAS 67-56-1) Methylene Chloride (CAS 75-09-2)

DOT Shipping Name:

Consumer Commodity, ORM-D

CONTROL MEASURES

Respiratory Protection Equipment

Use NIOSH approved respirator if TLV limit is exceeded.

VENTILATION:

Local exhaust - yes

PROTECTIVE GLOVES:

Use Viton or 4H gloves.

EYE AND FACE PROTECTION:

Chemical goggles or face shield.

OTHER PROTECTIVE EQUIPMENT:

Long Sleeves and Long pants

SAFE HANDLING

Do not smoke while using. Wash hands after use.

PRECAUTIONS FOR SAFE HANDLING AND USE

Flash Point -142F ICC

LOWER EXPLOSION LIMIT : 1.8

UPPER EXPLOSION LIMIT : 9.5

EXTINGUISHING MEDIA:- Water fog, carbon dioxide, foam, dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS:- Heated cans may burst.

SPECIAL FIRE FIGHTING PROCEDURES Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.

SPILL PROCEDURES: Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

WASTE DISPOSAL METHODS: Dispose as hazardous waste in accordance with EPA RCRA.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep away from heat, sparks, or open flame. Store at temperatures below 120F.

OTHER INFORMATION: When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

NFPA 30B Level: