**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**

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>COMPOSITION/INFORMATION ON INGREDIENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS REG NO.</td>
<td>AGT.</td>
</tr>
<tr>
<td><strong>NA</strong></td>
<td><strong>TWA</strong></td>
</tr>
<tr>
<td>Methylene Chloride</td>
<td>75-09-2</td>
</tr>
<tr>
<td>Propyleneisobutane-Butane</td>
<td>74-93-0</td>
</tr>
<tr>
<td>Methanol</td>
<td>67-56-1</td>
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</table>

**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. Deliberate and inhaling 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 affect 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 adrenaline following overexposure.*

**ROUTES OF ENTRY**

*Inhalation, Ingestion, 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: -40°F to 148°F*
*Vapor Pressure at 70°F: 60*
*VAPOR DENSITY (AIR = 1): 4.0*
*VAP. RATE (BUTYL ACETATE = 1): 2.1*
<table>
<thead>
<tr>
<th>SPECIFIC GRAVITY (WATER=1)</th>
<th>0.9</th>
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</thead>
<tbody>
<tr>
<td>Solubility</td>
<td>Nil</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
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<tr>
<td>Odor</td>
<td>Solvent</td>
</tr>
<tr>
<td>PH:</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

**Stability and Reactivity**

- **Stability:** Stable
- **Incompatibility:** Strong oxidizers, strong alkalies, 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.

**Groups Designating 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 vinyl or nitrile 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.

**Specifications for Safe Handling and Use**

- **Flash Point:** -142°F TCC
- **Lower Explosion Limit:** 1.8
- **Upper Explosion Limit:** 8.5
- **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 burning or vaporizing containers.
- **Spill Procedures:** Use absorbent, sweeping compound to soak up material. Put into container. Dispose as hazardous waste.
- **Waste Disposal Methods:** Dispose of 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 120°F.
- **Other Information:** When storing more than one-half gallon continuously or more than one gallon consecutively, use NIOSH approved respirator.

**NFPA 308 Level:**