

8002

04-72  
7812

3M General Offices  
3M Center  
St. Paul, Minnesota 55144-1000  
612/733-1110  
Duns No.: 00-617-3082

MATERIAL SAFETY  
DATA SHEET



DIVISION: AUTOMOTIVE TRADES  
TRADE NAME:  
3M Super Weatherstrip and Gasket Adhesive PART NO. 08002  
3M I.D. NUMBER: 62-2140-0609-0

ISSUED: APRIL 12, 1990  
SUPERSEDES: DECEMBER 30, 1989  
DOCUMENT: 10-9110-7

| 1. INGREDIENT        | C.A.S. NO. | PERCENT     | EXPOSURE |      | LIMITS |       |
|----------------------|------------|-------------|----------|------|--------|-------|
|                      |            |             | VALUE    | UNIT | TYPE   | AUTH  |
| petroleum distillate | 64742-88-7 | 30.0 - 40.0 | 100      | ppm  | TWA    | CMRG  |
| methyl ethyl ketone  | 78-93-3    | 20.0 - 30.0 | 200      | ppm  | TWA    | ACGIH |
| polychloroprene      | 9010-98-4  | 10.0 - 20.0 | NONE     | NONE | NONE   | NONE  |
| magnesium resinate   | 68611-24-5 | 10.0 - 20.0 | NONE     | NONE | NONE   | NONE  |
| toluene              | 108-88-3   | 1.0 - 10.0  | 100      | ppm  | TWA    | ACGIH |

SOURCE OF EXPOSURE LIMIT DATA:  
- ACGIH: American Conference of Governmental Industrial Hygienists  
- CMRG: Chemical Manufacture Recommended Guidelines  
- NONE: None Established

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:  
methyl ethyl ketone  
toluene

2. PHYSICAL DATA

BOILING POINT:..... 140F - Petro. Dist.  
VAPOR PRESSURE:..... 368F 120 mmHg  
VAPOR DENSITY:..... 3.0  
EVAPORATION RATE:..... >2.5  
SOLUBILITY IN WATER:..... Slight  
SP. GRAVITY:..... 0.88  
PERCENT VOLATILE:..... Approx. 63% By Weight  
VOLATILE ORGANICS:..... 548.00 gm/l  
pH:..... N/D  
VISCOSITY:..... 4000-6800 Centistokes  
APPEARANCE AND ODOR: Yellow, medium syrup, sweet petroleum order.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -14F (Tag Closed Cup/Petroleum Dist.)  
FLAMMABLE LIMITS - LEL:..... 1.0  
FLAMMABLE LIMITS - UEL:..... 11.5  
AUTOIGNITION TEMPERATURE:.... N/D  
EXTINGUISHING MEDIA:  
CO2, foam, dry chemical  
SPECIAL FIRE FIGHTING PROCEDURES:  
Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
Extremely Flammable The vapors released by this product can easily be ignited. Overheated, closed containers adjacent to fire could explode due to internal pressure buildup.  
NFPA-HAZARD-CODES: HEALTH 2 FIRE 3 REACTIVITY 0  
UNUSUAL REACTION HAZARD: None

Abbreviations: N/D - Not Determined N/A - Not Applicable

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**4. REACTIVITY DATA**

**STABILITY:** Stable

**INCOMPATIBILITY - MATERIALS TO AVOID:**

N/A

**HAZARDOUS POLYMERIZATION:** Will Not Occur

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Thermal decomposition or burning may produce CO, CO2 and chlorinated decomposition products with the possibility of trace amounts of phosgene and chlorine.

**5. ENVIRONMENTAL INFORMATION**

**SPILL RESPONSE:**

Extinguish all ignition sources. Ventilate the area. Observe precautions from other sections. Contain the spill. Cover with absorbent materials as needed. Collect the spilled material using non-sparking tools. Place in a U.S. Department of Transportation approved metal container, and seal.

**RECOMMENDED DISPOSAL:**

Incinerate absorbed and bulk product after mixing with flammable material in a licensed hazardous waste facility. Disposal should be in accordance with applicable regulations. U.S. EPA Hazardous Waste Number: D001 (Ignitable).

**ENVIRONMENTAL DATA:**

Volatile Organic Compound (VOC):

Maximum VOC = 548 grams/liter.

Maximum VOC minus Water minus Exempt Solvents = 548 grams/liter.

VOC's were calculated according to Rule 443.1 of the South Coast

Air Quality Management District (SCAQMD).

**SARA HAZARD CLASS:**

**FIRE HAZARD:** Yes **PRESSURE:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

**6. SUGGESTED FIRST AID**

**EYE CONTACT:**

Flush eyes immediately with large amounts of water for at least 10 minutes. Call a physician.

**SKIN CONTACT:**

Wash affected area with soap and water.

**INHALATION:**

Remove person to uncontaminated air. If breathing difficulties persist, call a physician.

**IF SWALLOWED:**

Do not induce vomiting. If conscious, drink two glasses of milk or water. Call a physician or poison control center.

**OTHER FIRST AID:**

NONE

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### 7. PRECAUTIONARY INFORMATION

FOR INDUSTRIAL OR PROFESSIONAL USE ONLY. Keep away from heat, sparks, flame and other sources of ignition. The vapors released by this product can be ignited easily. Use only in areas with sufficient ventilation to maintain vapor concentrations below recommended exposure limits. Avoid contact with eyes and skin; wear protective equipment such as chemical goggles or safety glasses and impervious gloves when handling product. Avoid prolonged breathing of vapors. Keep container tightly capped when not in use. Keep out of the reach of children.

### ADDITIONAL EXPOSURE LIMITS

| INGREDIENTS         | EXPOSURE |       | LIMITS |       |
|---------------------|----------|-------|--------|-------|
|                     | VALUE    | UNIT  | TYPE   | AUTH  |
| methyl ethyl ketone | 590      | mg/m3 | TWA    | ACGIH |
| methyl ethyl ketone | 300      | ppm   | STEL   | ACGIH |
| methyl ethyl ketone | 885      | mg/m3 | STEL   | ACGIH |
| methyl ethyl ketone | 200      | ppm   | TWA    | OSHA  |
| methyl ethyl ketone | 590      | mg/m3 | TWA    | OSHA  |
| methyl ethyl ketone | 300      | ppm   | STEL   | OSHA  |
| methyl ethyl ketone | 885      | mg/m3 | STEL   | OSHA  |
| toluene             | 375      | mg/m3 | TWA    | ACGIH |
| toluene             | 150      | ppm   | STEL   | ACGIH |
| toluene             | 560      | mg/m3 | STEL   | ACGIH |
| toluene             | 100      | ppm   | TWA    | OSHA  |
| toluene             | 375      | mg/m3 | TWA    | OSHA  |
| toluene             | 150      | ppm   | STEL   | OSHA  |
| toluene             | 560      | mg/m3 | STEL   | OSHA  |

#### SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

### 8. HEALTH HAZARD DATA

**EYE CONTACT:** Vapor and liquid may cause eye irritation. Symptoms may include smarting, tearing, redness, and swelling.

**SKIN CONTACT:** May cause irritation. Petroleum distillate may be absorbed through the skin in harmful amounts. Symptoms include dryness and cracking of the skin.

**INHALATION:** Vapor overexposure may cause respiratory system irritation and temporary nervous system impairment (light-headedness). Petroleum distillate may contain n-hexane. Repeated or extreme overexposure to n-hexane vapor may cause nervous system damage. Exposure to methyl ethyl ketone (MEK) and n-hexane in combination may cause a greater potential for peripheral nerve damage. Symptoms of overexposure may include dizziness, weakness, fatigue, nausea, headache, facial numbness, visual disorders, incoordination, decreased reaction time, anemia, narcosis and in the extreme, asphyxiation.

**INGESTION:** May cause digestive system irritation. Symptoms include

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**8. HEALTH HAZARD DATA** (continued)

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nausea, vomiting and diarrhea. Solvent aspiration into the lungs by vomiting may cause lung damage, which can be harmful or fatal.

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**SECTION CHANGE DATES**

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| HEADING | SECTION CHANGED SINCE | DECEMBER 30, 1989 ISSUE |
|---------|-----------------------|-------------------------|
|---------|-----------------------|-------------------------|

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.