

3M General Offices  
3M Center  
St. Paul, Minnesota 55144-1000  
612/733 1110

04-72  
7515

Duns No.: 00-617-3082

MATERIAL SAFETY  
DATA SHEET



**DIVISION:** ADHESIVES, COATINGS AND SEALERS  
**TRADE NAME:**  
3M Plastic and Emblem Adhesive (Clear) PART NO. 08061  
**3M I.D. NUMBER:** 62-4475-2609-6

**ISSUED:** DECEMBER 30, 1989  
**SUPERSEDES:** APRIL 12, 1989  
**DOCUMENT:** 10-4794-3

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE VALUE UNIT	LIMITS -- TYPE AUT
methyl ethyl ketone	78-93-3	50.0 - 60.0	200 ppm	TWA ACG
vinyl chloride-vinyl acetate polymer	9003-22-9	20.0 - 30.0	NONE NONE	NONE NON
polyurethane - Vendor Trade Secret (V.T.S.)	V.T.S.	20.0 - 30.0	NONE NONE	NONE NON

**SOURCE OF EXPOSURE LIMIT DATA:**

- ACGIH: American Conference of Governmental Industrial Hygienists
- 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

**2. PHYSICAL DATA**

**BOILING POINT:**..... 176.00 F (MEK)  
**VAPOR PRESSURE:**..... 80.0000 mmHg @ 68F  
**VAPOR DENSITY:** ..... 2.50 Air = 1  
**EVAPORATION RATE:**..... 2.70 Ether = 1  
**SOLUBILITY IN WATER:** ..... Very slight  
**SP. GRAVITY:**..... 0.950 Water = 1  
**PERCENT VOLATILE:** ..... ca. 60.00 %  
**VOLATILE ORGANICS:** ..... 568.00 gm/l  
**pH:** ..... N/D  
**VISCOSITY:** ..... ca. 8500.0 CPS  
**APPEARANCE AND ODOR:** Clear, ketone odor

**3. FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:**..... 20.00 F T.C.C. (methyl ethyl ketone)  
**FLAMMABLE LIMITS - LEL:** ..... 1.80 %  
**FLAMMABLE LIMITS - UEL:** ..... 11.50 %  
**AUTOIGNITION TEMPERATURE:** ... N/D  
**EXTINGUISHING MEDIA:**  
CO2, 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. 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**

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**STABILITY:** Stable

**INCOMPATIBILITY - MATERIALS TO AVOID:**

Amines, aldehydes and oxidizing agents.

**HAZARDOUS POLYMERIZATION:** Will Not Occur

**HAZARDOUS DECOMPOSITION PRODUCTS:**

CO, CO<sub>2</sub> and smoke particles when subjected to excessive heat or flame.

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**5. ENVIRONMENTAL INFORMATION**

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**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 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 = 568 grams/liter.

Maximum VOC minus Water minus Exempt Solvents = 568 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

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**6. SUGGESTED FIRST AID**

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**EYE CONTACT:**

Immediately flush eyes with large amounts of water for 10 minutes.  
Call a physician.

**SKIN CONTACT:**

Wash affected area with soap and water.

**INHALATION:**

Remove person to uncontaminated air if symptoms occur. If breathing difficulties occur, get medical attention. If not breathing, begin artificial resuscitation and send for emergency medical assistance.

**IF SWALLOWED:**

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 product and its vapors away from all 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 prolonged breathing of vapors. Do not get in eyes. Avoid skin contact. Wear chemical goggles or safety glasses and impervious gloves when handling product. Keep container tightly closed when not in use. Keep out of the reach of children.

#### ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE LIMITS	
	VALUE	UNIT
methyl ethyl ketone	590	mg/m <sup>3</sup>
methyl ethyl ketone	300	ppm
methyl ethyl ketone	885	mg/m <sup>3</sup>
methyl ethyl ketone	200	ppm
methyl ethyl ketone	590	mg/m <sup>3</sup>
methyl ethyl ketone	300	ppm
methyl ethyl ketone	885	mg/m <sup>3</sup>

#### SOURCE OF EXPOSURE LIMIT DATA:

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

### 8. HEALTH HAZARD DATA

EYE CONTACT: Liquid contact with the eyes can cause severe irritation, tearing and blurred vision. If eyes are not rinsed immediately permanent damage could result.

SKIN CONTACT: Prolonged or repeated contact may cause skin irritation and allergic skin reaction.

INHALATION: Vapor overexposure may cause respiratory system irritation and temporary nervous system impairment (light-headedness). Symptoms of overexposure include dizziness, headache, nausea and, in the extreme, unconsciousness.

INGESTION: May cause digestive system irritation.

### SECTION CHANGE DATES

ENVIRON. DATA SECTION CHANGED SINCE APRIL 12, 1989 ISSUE

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

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.