3M General Offices

3M Center
St. Paul, MN 55144-1000
1-800-364-3577 or (651) 737-6501 (24 hours)

MATERIAL SAFETY
DATA SHEET

3M

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DIVISION: AUTOMOTIVE AFTERMARKET
TRADE NAME:
3M(TM) Plastic and Emblem Adhesive - Clear, P.N. 08061

ID NUMBER/U.P.C.: 60-9800-2706-8 00-51135-08061-0 60-9800-3750-5 00-51131-34021-3
62-4475-2609-6 00-51135-08061-0

ISSUED: MARCH 27, 2001
SUPERSEDES: AUGUST 4, 2000
DOCUMENT: 10-4794-3

1. INGREDIENT

INGREDIENT	C.A.S. NO.	PERCENT		
Methyl Ethyl Ketone	78-93-3	30.0	-	60.0
Vinyl Chloride-Vinyl Acetate-Maleic Acid Polymer	9005-09-8	10.0	-	30.0
Adipic acid-1,4-butanediol-MDI-neopentyl glycol copolymer	56815-45-3	10.0	-	30.0
4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROHYDRIN POLYMER	25068-38-6	0.1	-	1.0
Isopropyl Alcohol	67-63-0		<	0.2

NOTE: The components of this product are in compliance with the chemical notification requirements of TSCA.

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW 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 % by wt
pH:	N/D
VISCOSITY:	ca. 8500.0 CPS
MELTING POINT	N/D
APPEARANCE AND ODOR:	Liquid, clear, ketone odor

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

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 20.00 F T.C.C.
(methyl ethyl ketone)
FLAMMABLE LIMITS - LEL: ..... 1.80 % by vol
FLAMMABLE LIMITS - UEL: ..... 11.50 % by vol
AUTOIGNITION TEMPERATURE: ... N/D
EXTINGUISHING MEDIA:
Carbon dioxide, Dry chemical, Foam
SPECIAL FIRE FIGHTING PROCEDURES:
Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.
NFPA HAZARD CODES: HEALTH: 2 **FIRE:** 3 **REACTIVITY:** 0
UNUSUAL REACTION HAZARD: none
OSHA FIRE HAZARD CLASS: Class IB Flammable Liquid

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
Not applicable.
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide, Toxic Vapors, Gases or Particulates.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate area. Extinguish all ignition sources. Contain spill. Evacuate unprotected personnel from hazard area. Cover with inorganic absorbent material. Collect using non-sparking tools. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS. Place in metal container. Seal the container.

RECOMMENDED DISPOSAL:
Dispose of according to the policies/procedures contained in the 3M Waste Management Program Manual and the instructions provided on the Waste Stream Profile Reference Sheet. Consult your Waste Management (RCRA) Coordinator with any questions.

ENVIRONMENTAL DATA:
Not determined.

REGULATORY INFORMATION:
Volatile Organic Compounds: 568 gms/liter South Coast Air Quality

5. ENVIRONMENTAL INFORMATION (continued)

Mgmt Dist Method Rule 443.1, calculated.
VOC Less H2O & Exempt Solvents: 568 gms/liter South Coast Air Quality Mgmt Dist Method Rule 443.1, calculated.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = D001 (Ignitable) D035 (Methyl ethyl ketone) D043 (Vinyl chloride)

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

6. SUGGESTED FIRST AID

EYE CONTACT:
Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:
Immediately wash skin with soap and large amounts of water. Remove contaminated clothing. If signs/symptoms occur, call a physician. Wash contaminated clothing before reuse and dispose of contaminated shoes. Destroy or properly dispose of contaminated shoes.

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

IF SWALLOWED:
Do not induce vomiting. Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:
Avoid eye contact. Wear vented goggles. Wear safety glasses with side shields.

SKIN PROTECTION:
Avoid skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber, polyethylene/ethylene vinyl alcohol.

VENTILATION PROTECTION:
Do not use in a confined area or areas with little or no air movement. Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

RESPIRATORY PROTECTION:
Avoid breathing of vapors. Select one of the following NIOSH

7. PRECAUTIONARY INFORMATION (continued)

approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor respirator, full-face organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:
Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating. Do not ingest.

RECOMMENDED STORAGE:
Store away from heat. Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:
Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition. Prevent all sources of ignition. Extremely flammable liquid and vapor. Ground containers securely when transferring contents. Wear low static or properly grounded shoes. No smoking while handling this material. Avoid static discharge.

EXPOSURE LIMITS

INGREDIENTS	VALUE	UNIT	TYPE	AUTH	SKIN*
Methyl Ethyl Ketone	200	ppm	TWA	OSHA	
Methyl Ethyl Ketone	300	ppm	STEL	OSHA	
Methyl Ethyl Ketone	200	ppm	TWA	ACGIH	
Methyl Ethyl Ketone	300	ppm	STEL	ACGIH	
Vinyl Chloride-Vinyl Acetate-Maleic Acid Polymer	NONE	NONE	NONE	NONE	
Adipic acid-1,4-butanediol-MDI-neopentyl glycol copolymer	NONE	NONE	NONE	NONE	
4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROHYDRIN POLYMER	NONE	NONE	NONE	NONE	
Isopropyl Alcohol	400	ppm	TWA	ACGIH	
Isopropyl Alcohol	500	ppm	STEL	ACGIH	
Isopropyl Alcohol	400	ppm	TWA	OSHA	
Isopropyl Alcohol	500	ppm	STEL	OSHA	

*** SKIN NOTATION:** Listed substances indicated with "Y" under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:
- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:
Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:
Moderate Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, itching, and dryness.

Prolonged or repeated exposure may cause:

Allergic Skin Reaction: signs/symptoms can include redness, swelling, blistering, and itching.

INHALATION:
May be harmful if inhaled.

Intentional concentration and inhalation may be harmful or fatal.

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

Prolonged or repeated overexposure, above recommended guidelines, may cause:

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Liver Effects: signs/symptoms can include yellow skin(jaundice) and tenderness of upper abdomen.

IF SWALLOWED:
Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

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SECTION CHANGE DATES

INGREDIENTS	SECTION CHANGED SINCE	AUGUST	4, 2000	ISSUE
ENVIRON. DATA	SECTION CHANGED SINCE	AUGUST	4, 2000	ISSUE
FIRST AID	SECTION CHANGED SINCE	AUGUST	4, 2000	ISSUE
PRECAUT. INFO.	SECTION CHANGED SINCE	AUGUST	4, 2000	ISSUE
HEALTH HAZD. DATA	SECTION CHANGED SINCE	AUGUST	4, 2000	ISSUE

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