

HEALTH: 2  
FLAMMABILITY: 3  
REACTIVITY: 0

MATERIAL SAFETY DATA SHEET 3M  
3M Center  
St. Paul, Minnesota  
55144-1000  
1-800-364-3577 or (651) 737-6501 (24 hours)

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DIVISION: DO-IT-YOURSELF/CONSTRUCTION MARKETS DIV

TRADE NAME:

3M Brand Adhesive Remover & Surface Cleaner, Catalog No. 6020

ID NUMBER/U.P.C.:

70-0703-8695-1 00-51111-06020-9 70-0704-6710-8 00-51131-60493-3

ISSUED: December 03, 1997

SUPERSEDES: February 26, 1997

DOCUMENT: 05-3924-7

1. INGREDIENT	C.A.S. NO.		PERCENT
XYLENE.....	1330-20-7	40	- 50
ETHYL ALCOHOL.....	64-17-5	30	- 40
ETHYL ACETATE.....	141-78-6	1	- 10
METHYL ISOBUTYL KETONE.....	108-10-1	1	- 10
ETHYLBENZENE.....	100-41-4	5	- 10
METHYL ALCOHOL.....	67-56-1	1	- 3

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:

- XYLENE
- METHYL ISOBUTYL KETONE
- ETHYLBENZENE
- METHYL ALCOHOL

2. PHYSICAL DATA

BOILING POINT:..... 170 F  
VAPOR PRESSURE:..... N/D  
VAPOR DENSITY:..... N/D  
EVAPORATION RATE:..... N/D  
SOLUBILITY IN WATER:..... 0.2 %  
SPECIFIC GRAVITY:..... 0.8 Water=1  
PERCENT VOLATILE:..... 100 % by vol  
pH:..... N/D  
VISCOSITY:..... N/D  
MELTING POINT:..... N/D

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

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2. PHYSICAL DATA (continued)

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APPEARANCE AND ODOR:  
Liquid, colorless

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT:..... 70 F CC  
FLAMMABLE LIMITS - LEL:..... 2 %  
FLAMMABLE LIMITS - UEL:..... 9 %  
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:  
Contains flammable liquids in small quantities.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 3 REACTIVITY: 0  
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Class IB Flammable Liquid

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4. REACTIVITY DATA

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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:  
Alkali metals, and strong oxidizers

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:  
CO, CO2, and decomposition products from the plastic container.

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5. ENVIRONMENTAL INFORMATION

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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. Cover with absorbent material. Collect spilled material. Place in an approved metal container.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: ca. 100 % Per CARB VOC def.; 800 g/L SCAQMD.  
VOC Less H<sub>2</sub>O & Exempt Solvents: ca. 800 gms/liter South Coast Air Quality Mgmt Dist Method.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

EPCRA 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 plenty of water for at least 10 minutes. Call a physician.

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

If symptoms occur, remove person to fresh air. If symptoms continue, call a physician.

IF SWALLOWED:

Induce vomiting. Immediately call a physician or poison information center.

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7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Do not get in eyes.

SKIN PROTECTION:

Do not get on skin.

RECOMMENDED VENTILATION:

Use only in areas with enough air movement to remove vapors. Open doors and windows to provide cross ventilation.

RESPIRATORY PROTECTION:

Avoid breathing vapors.

PREVENTION OF ACCIDENTAL INGESTION:

Do not take internally. Keep out of reach of children.

RECOMMENDED STORAGE:

Keep away from heat, sparks and open flame.

FIRE AND EXPLOSION AVOIDANCE:

Keep product and vapors away from heat, sparks and open flames.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
XYLENE.....	100	PPM	TWA	ACGIH	
XYLENE.....	150	PPM	STEL	ACGIH	
XYLENE.....	100	PPM	TWA	OSHA	
XYLENE.....	150	PPM	STEL	OSHA	
ETHYL ALCOHOL.....	1000	PPM	TWA	ACGIH	
ETHYL ALCOHOL.....	1000	PPM	TWA	OSHA	
ETHYL ACETATE.....	400	PPM	TWA	ACGIH	
ETHYL ACETATE.....	400	PPM	TWA	OSHA	
METHYL ISOBUTYL KETONE.....	50	PPM	TWA	ACGIH	
METHYL ISOBUTYL KETONE.....	75	PPM	STEL	ACGIH	
METHYL ISOBUTYL KETONE.....	50	PPM	TWA	OSHA	
METHYL ISOBUTYL KETONE.....	75	PPM	STEL	OSHA	
ETHYLBENZENE.....	100	PPM	TWA	ACGIH	
ETHYLBENZENE.....	125	PPM	STEL	ACGIH	
ETHYLBENZENE.....	100	PPM	TWA	OSHA	
ETHYLBENZENE.....	125	PPM	STEL	OSHA	
METHYL ALCOHOL.....	200	PPM	TWA	ACGIH	Y
METHYL ALCOHOL.....	250	PPM	STEL	ACGIH	Y
METHYL ALCOHOL.....	200	PPM	TWA	OSHA	Y
METHYL ALCOHOL.....	250	PPM	STEL	OSHA	Y

\* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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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

8. HEALTH HAZARD DATA

EYE CONTACT:

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

SKIN CONTACT:

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

Prolonged or repeated exposure may cause:

May be absorbed through the skin and produce effects similiar to those caused by inhalation and/or ingestion.

INHALATION:

Single overexposure, above recommended guidelines, may cause:

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:

Blood disorders: signs/symptoms can include prolonged weakness and fatigue.

Anemia (decreased number of red blood cells or amount of hemoglobin): signs/symptoms can include prolonged weakness and fatigue.

Arrhythmia: signs/symptoms can include palpitations, pounding, or irregular pulse.

Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain.

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

Central Nervous System Depression: signs/symptoms can include

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8. HEALTH HAZARD DATA (continued)

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headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

IF SWALLOWED:

Swallowing a relatively large amount of this material is unlikely to produce serious illness or death.

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

Aspiration Pneumonitis: signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

REPRODUCTIVE/DEVELOPMENTAL TOXINS:

XYLENE (1330-20-7) is a potential developmental hazard causing fetal skeletal abnormalities and growth inhibition by the oral and inhalation routes of exposure in laboratory studies.

ETHYL ALCOHOL (64-17-5) is considered to be a developmental toxin (California Proposition 65). Evidence from human experience indicates ethanol may cause birth defects, delayed or incomplete development prior to birth and learning problems in children.

METHYL ALCOHOL (67-56-1) is a potential reproductive hazard causing defects involving the skeletal, cardiac and urinary systems by the inhalation route of exposure in laboratory studies.

OTHER HEALTH HAZARD INFORMATION:

XYLENE (1330-20-7) liver effects can be potentiated by inhalation or ingestion of alcohol.

METHYL ALCOHOL (67-56-1): Individual responses to methyl alcohol vary. Ingestion of less than 30 ml has been fatal to humans. In general, a few ounces may cause blindness and death; as little as 4ml may be toxic if ingested. Because of slow elimination, methyl alcohol should be regarded as a cumulative poison. Methyl alcohol exerts a potentating effect on the acute inhalation hepatotoxicity of carbon tetrachloride.

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SECTION CHANGE DATES

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ENVIRONMENTAL INFO. SECTION CHANGED SINCE February 26, 1997 ISSUE

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