

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

03-34
3699

MATERIAL SAFETY
DATA SHEET



DIVISION: AUTOMOTIVE TRADES DIVISION

TRADE NAME:

3M General Purpose Adhesive Cleaner (P/Ns 08984 / 08986 / 08989)
3M I.D. NUMBER: 62-4787-6509-2 62-4787-8509-0 62-4787-9509-9

ISSUED: JULY 12, 1990

SUPERSEDES: APRIL 12, 1990

DOCUMENT: 10-5933-6

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE VALUE	UNIT	LIMITS TYPE	AUTH
Petroleum Distillate	64742-89-8	50.0 - 60.0	300	ppm	TWA	ACGIH
Xylene Isomers	1330-20-7	40.0 - 50.0	100	ppm	TWA	ACGIH
Ethylbenzene	100-41-4	1.0 - 10.0	100	ppm	TWA	ACGIH

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists

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:

Xylene Isomers
Ethylbenzene

2. PHYSICAL DATA

BOILING POINT:..... 245.00 F
VAPOR PRESSURE:..... 30.0000 mmHg
@ 100F
VAPOR DENSITY: > 3.00 Air = 1
EVAPORATION RATE:..... ca. 7.10 Ether = 1
SOLUBILITY IN WATER: < 0.1 %
SP. GRAVITY:..... ca. 0.820 Water = 1
PERCENT VOLATILE: 100.00 %
VOLATILE ORGANICS: 816.00 gm/l
pH: N/A
VISCOSITY: solvent thin liquid
APPEARANCE AND ODOR: colorless, liquid, sharp odor of aromatic solvent

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 52.00 F
FLAMMABLE LIMITS - LEL: 0.90 %
FLAMMABLE LIMITS - UEL: 6.00 %
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:
Flammable. Overheated, closed containers adjacent to fire could explode due to pressure buildup.
NFPA-HAZARD-CODES: HEALTH 2 FIRE 2 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 products are CO, CO₂ and smoke particles when subjected to excessive heat and flame.

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.

ENVIRONMENTAL DATA:

Volatile Organic Compound (VOC):

Maximum VOC = 816 grams/liter.

Maximum VOC minus Water minus Exempt Solvents = 816 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:

Immediately flush eyes with plenty of water for at least 10 minutes. Call a physician.

SKIN CONTACT:

Wash with soap and water.

INHALATION:

Remove person to uncontaminated air. If breathing is difficult, call a physician.

IF SWALLOWED:

Do not induce vomiting. Immediately 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 easily ignited. If ventilation is inadequate, wear a NIOSH approved organic vapor respirator. Avoid prolonged breathing of vapors. Use only in areas with sufficient ventilation to maintain vapor concentrations below recommended exposure limits. Use local exhaust ventilaiton if necessary. Avoid eye contact; wear chemical eye goggles when handling. Avoid prolonged or repeated contact with the skin. Wear impervious gloves when handling. Keep container closed when not in use. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE LIMITS			
	VALUE	UNIT	TYPE	AUTH
Xylene Isomers	434	mg/m3	TWA	ACGIH
Xylene Isomers	150	ppm	STEL	ACGIH
Xylene Isomers	651	mg/m3	STEL	ACGIH
Xylene Isomers	100	ppm	TWA	OSHA
Xylene Isomers	435	mg/m3	TWA	OSHA
Xylene Isomers	150	ppm	STEL	OSHA
Xylene Isomers	655	mg/m3	STEL	OSHA
Ethylbenzene	434	mg/m3	TWA	ACGIH
Ethylbenzene	125	ppm	STEL	ACGIH
Ethylbenzene	543	mg/m3	STEL	ACGIH
Ethylbenzene	100	ppm	TWA	OSHA
Ethylbenzene	435	mg/m3	TWA	OSHA
Ethylbenzene	125	ppm	STEL	OSHA
Ethylbenzene	545	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: Liquid and vapor may cause eye irritation.

SKIN CONTACT: Liquid may cause skin irritation on prolonged or repeated contact. Symptoms are dry skin and cracking of skin.

INHALATION: Exposure to vapor concentrations above the recommended exposure limits may cause respiratory system irritation and temporary nervous system impairment (light-headedness). Extreme overexposure to xylene may cause heart, liver, kidney, and blood damage based on animal studies. Symptoms of overexposure include headache, fatigue, drowsiness, irritability, dizziness, incoordination, nausea, vomiting and abdominal pain. Inhalation of high concentrations of xylene vapor could lead to unconsciousness and death.

INGESTION: May cause digestive system irritation and temporary nervous system impairment. Symptoms may include nausea, vomiting, headache, dizziness, sleepiness, blurred vision, and slurred speech.

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8. HEALTH HAZARD DATA (continued)

Solvent aspiration into the lungs as a result of vomiting may cause lung damage and in the extreme, death.

SECTION CHANGE DATES

INGREDIENTS SECTION CHANGED SINCE APRIL 12, 1990 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.