

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

03-25
 3722

MATERIAL SAFETY
 DATA SHEET



DIVISION: AUTOMOTIVE TRADES
TRADE NAME:
 3M Woodgrain and Stripe Remover Part No. 08907
3M I.D. NUMBER: CS-0406-2028-1 62-4961-4919-6

ISSUED: APRIL 12, 1990
SUPERSEDES: DECEMBER 4, 1989
DOCUMENT: 10-5966-6

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
			VALUE UNIT	TYPE AUTH
methyl ethyl ketone	78-93-3	60.0 - 70.0	200 ppm	TWA ACGIH
naphthol spirits	64742-48-9	20.0 - 30.0	300 ppm	TWA CMRG
propane	74-98-6	10.0 - 20.0	1000 ppm	TWA OSHA
amorphous silica	7631-86-9	1.0 - 10.0	3 mg/m ³	TWA ACGIH
ethylene glycol	107-21-1	1.0 - 10.0	50 NONE	NONE ACGIH

SOURCE OF EXPOSURE LIMIT DATA:
 - ACGIH: American Conference of Governmental Industrial Hygienists
 - OSHA: Occupational Safety and Health Administration
 - CMRG: Chemical Manufacture Recommended Guidelines

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
 ethylene glycol

2. PHYSICAL DATA

BOILING POINT:..... Compressed Gas
VAPOR PRESSURE:..... Compressed Gas
VAPOR DENSITY:..... 2.50 Air = 1
EVAPORATION RATE:..... 2.70 Ether = 1
 (solvent)
SOLUBILITY IN WATER:..... Nil
SP. GRAVITY:..... < 1.000 Water = 1
PERCENT VOLATILE:..... 95.00 %
VOLATILE ORGANICS:..... 722.00 gm/l
pH:..... N/A
VISCOSITY:..... N/A
APPEARANCE AND ODOR: Clear liquid - solvent odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -50.00 F
FLAMMABLE LIMITS - LEL:..... 1.80 %
FLAMMABLE LIMITS - UEL:..... 11.50 %
AUTOIGNITION TEMPERATURE:... N/D
EXTINGUISHING MEDIA:
 CO2, foam, dry chemical
SPECIAL FIRE FIGHTING PROCEDURES:
 Treat as pressurized container. Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
 Extremely Flammable. Treat as a pressurized container. Overheated, closed containers adjacent to fire could explode due to internal

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

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3. FIRE AND EXPLOSION HAZARD DATA (continued)

pressure buildup.
NFPA-HAZARD-CODES: HEALTH 2 FIRE 4 REACTIVITY 0
UNUSUAL REACTION HAZARD: None

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
N/A CONDITIONS TO AVOID: Do not puncture or incinerate. Do not
store at temperatures above 120F.
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
CO, CO2 and smoke particles when subjected to excessive heat or
flame.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

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

RECOMMENDED DISPOSAL:

Incinerate absorbed and partially full cans after mixing with
flammable material in a licensed hazardous waste facility. The
facility must be capable of handling aerosol cans. Do not puncture
or burn cans in a household incinerator. Dispose of empty cans in a
sanitary landfill. Disposal should be in accordance with applicable
regulations. U.S. EPA Hazardous Waste No.: D001 (Ignitable).

ENVIRONMENTAL DATA:

Volatile Organic Compound (VOC):
Maximum VOC = 722 grams/liter.
Maximum VOC minus Water minus Exempt Solvents = 722 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: Yes REACTIVITY: No ACUTE: Yes CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT:

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

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

Provide fresh air. Call a physician.

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6. SUGGESTED FIRST AID (continued)

IF SWALLOWED:

Do not induce vomiting. Immediately call a physician or poison control center.

OTHER FIRST AID:

NONE

7. PRECAUTIONARY INFORMATION

Keep product and its vapors away from heat, sparks, flame, and other sources of ignition. Extinguish and do not ignite any flame in the immediate work area. The vapors released by the product can be ignited easily and burn explosively. Use only in areas with sufficient ventilation to maintain vapor and spray concentrations below recommended exposure limits. Avoid prolonged breathing of vapor and spray (airborne product particles). Prevent eye and skin contact. Wear protective equipment when handling this product, i.e. chemical goggles or safety glasses and impervious gloves. Do not puncture or incinerate container. Do not store at temperatures above 120F. Use only as directed. Intentional misuse by deliberately concentrating and inhaling or swallowing the contents can be harmful or fatal. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE LIMITS		LIMITS	
	VALUE	UNIT	TYPE	AUTH
methyl ethyl ketone	590	mg/m ³	TWA	ACGIH
methyl ethyl ketone	300	ppm	STEL	ACGIH
methyl ethyl ketone	885	mg/m ³	STEL	ACGIH
methyl ethyl ketone	200	ppm	TWA	OSHA
methyl ethyl ketone	590	mg/m ³	TWA	OSHA
methyl ethyl ketone	300	ppm	STEL	OSHA
methyl ethyl ketone	885	mg/m ³	STEL	OSHA
naphthol spirits	1900	mg/m ³	TWA	CMRG
propane	1800	mg/m ³	TWA	OSHA
amorphous silica	6	mg/m ³	TWA	ACGIH
ethylene glycol	125	mg/m ³	CEIL	ACGIH
ethylene glycol	50	NONE	NONE	OSHA
ethylene glycol	125	mg/m ³	CEIL	OSHA

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
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8. HEALTH HAZARD DATA

EYE CONTACT: Vapor and liquid may cause irritation.

SKIN CONTACT: May cause irritation leading to dryness and cracking of the skin.

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8. HEALTH HAZARD DATA (continued)

INHALATION: Overexposures to vapor concentrations that exceed recommended exposure limits may cause respiratory irritation and temporary nervous system impairment. Symptoms of overexposure include dizziness, weakness, fatigue, nausea, headache, loss of coordination. Extreme overexposure may cause coma and death. Chronic overexposure to ethylene glycol has caused blood changes and kidney and liver damage in laboratory animals.

INGESTION: Accidental ingestion from an aerosol container is unlikely. Intentional concentration and swallowing the liquid product may cause digestive system irritation, kidney damage and nervous system damage. Symptoms include abdominal pain, dizziness, vomiting, loss of coordination, malaise, and backache. Extreme overexposure may cause convulsions, accumulation of fluid in the lungs, blood changes, protein and oxalate crystals in urine, loss of consciousness and death. Solvent aspiration into the lungs due to vomiting may cause lung damage and in the extreme, death.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE DECEMBER 4, 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.