

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

02-87
 2336

Duns No.: 00-617-3082

MATERIAL SAFETY
 DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
 TRADE NAME:
 3M Brand Top and Trim Adhesive Part Nos. 08046 and 08049
 3M I.D. NUMBER: 62-2215-8509-4 62-2215-9509-3

ISSUED: AUGUST 5, 1988
 SUPERSEDES: JUNE 30, 1987
 DOCUMENT: 10-6248-8

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE VALUE UNIT	LIMITS TYPE AUTH
petroleum distillate	64742-88-7	40.0 - 50.0	100 ppm	TWA CMRG
acetone	67-64-1	20.0 - 30.0	750 ppm	TWA ACGIH
polychloroprene	9010-98-4	10.0 - 20.0	NONE NONE	NONE NONE
toluene	108-88-3	1.0 - 10.0	100 ppm	TWA ACGIH
magnesium resinate	68611-24-5	1.0 - 10.0	NONE NONE	NONE NONE

SOURCE OF EXPOSURE LIMIT DATA:
 - ACGIH: American Conference of Governmental Industrial Hygienists
 - CMRG: Chemical Manufacture Recommended Guidelines
 - NONE: None Established

2. PHYSICAL DATA

BOILING POINT:..... 132.00 F
 (Acetone)
 VAPOR PRESSURE:..... 180.0000 mmHg
 (@ 68F)
 VAPOR DENSITY: 3.00 Air = 1
 EVAPORATION RATE:..... > 2.00 Ether = 1
 SOLUBILITY IN WATER: < 0.1 %
 SP. GRAVITY:..... 0.790 Water = 1
 PERCENT VOLATILE: ca. 81.00 %
 (By Weight)
 VOLATILE ORGANICS: 641.00 gm/l
 pH: N/D
 VISCOSITY: Thin syrup
 APPEARANCE AND ODOR: Yellow, thin syrup, sweet/sour odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -14.00 F T.C.C.
 FLAMMABLE LIMITS - LEL: 1.0
 FLAMMABLE LIMITS - UEL: 12.8
 AUTOIGNITION TEMPERATURE: ... N/D
 EXTINGUISHING MEDIA:
 CO2, foam, dry chemical
 SPECIAL FIRE FIGHTING PROCEDURES:
 Fire fighters should wear 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 1 FIRE 4 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:

Oxidizers

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO₂, HCl and smoke particles when subjected to excessive heat or 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. U.S. EPA Hazardous Waste Number: D001 (Ignitable).

ENVIRONMENTAL DATA:

Volatile Organic Compound (VOC):

Maximum VOC = 641 grams/liter.

Maximum VOC minus Water minus Exempt Solvents = 641 grams/liter.

6. SUGGESTED FIRST AID

EYE CONTACT:

Flush eyes immediately with plenty of water for at least 10 minutes. Call a physician.

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

Move affected person to fresh air at once. Restore or support breathing as necessary. If breathing difficulties persist, call a physician.

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of milk or water. Call a physician.

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 ignited easily and burn explosively. Keep container closed when not in use. Use only in areas with sufficient ventilation to maintain vapor/spray concentrations below recommended exposure limits. Avoid prolonged breathing of vapors. Provide local exhaust ventilation if necessary. Avoid eye and skin contact. Wear eye and skin (e.g., impervious gloves and chemical goggles) protection to prevent contact. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE LIMITS		LIMITS	
	VALUE	UNIT	TYPE	AUTH
acetone	1780	mg/m ³	TWA	ACGIH
acetone	1000	ppm	STEL	ACGIH
acetone	2375	mg/m ³	STEL	ACGIH
acetone	1000	ppm	TWA	OSHA
acetone	2400	mg/m ³	TWA	OSHA
toluene	375	mg/m ³	TWA	ACGIH
toluene	150	ppm	STEL	ACGIH
toluene	560	mg/m ³	STEL	ACGIH
toluene	300	ppm	CEIL	OSHA
toluene	200	ppm	TWA	OSHA
toluene	500	ppm	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 irritating to eyes. Can cause tearing, redness and blurred vision.

SKIN CONTACT: Acute exposure is mildly irritating. Prolonged or repeated contact will produce defatting and resultant dermatitis.

INHALATION: Vapor overexposure may cause respiratory system irritation and temporary nervous system impairment. Symptoms of overexposure include drowsiness, light-headedness, dizziness, nausea and headache. Gross overexposure, such as would occur with deliberate inhalation of concentrated vapors, may cause nervous system damage as well as liver damage with blood effects. Repeated or extreme overexposure to vapors may cause nervous system damage.

INGESTION: May cause digestive system irritation, nausea, vomiting, diarrhea and nervous system impairment. Solvent aspiration into the lung as a result of vomiting may cause lung damage, which can be fatal.

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SECTION CHANGE DATES

INGREDIENTS	SECTION CHANGED SINCE	JUNE 30, 1987	ISSUE
PHYSICAL DATA	SECTION CHANGED SINCE	JUNE 30, 1987	ISSUE
FIRE & EXP. DATA	SECTION CHANGED SINCE	JUNE 30, 1987	ISSUE
ENVIRON. DATA	SECTION CHANGED SINCE	JUNE 30, 1987	ISSUE
FIRST AID	SECTION CHANGED SINCE	JUNE 30, 1987	ISSUE
PRECAUT. INFO.	SECTION CHANGED SINCE	JUNE 30, 1987	ISSUE
HEALTH HAZD. DATA	SECTION CHANGED SINCE	JUNE 30, 1987	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 product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.