

3M General Offices
3M Center
St. Paul, Minnesota 55144-1000
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00-07
829

Duns No.: 00-617-3082

MATERIAL SAFETY
DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: 3M Top and Trim Adhesive Non-Flammable (Part
No. 08076)
3M I.D. NUMBER: 62-4750-8509-8
ISSUED: JUNE 30, 1987
SUPERSEDES: DECEMBER 5, 1985
DOCUMENT: 10-4796-8

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
polychloroprene elastomer	N/A		N/D	5
magnesium resinate	N/A		N/D	5
fillers	N/A		N/D	5
TOTAL OF THE ABOVE	N/A	11.0	N/D	5
1-1-1-trichloroethane*	71-55-6	89.0	350 ppm	1
*as inhibitor; diethylene ether	123-91-1		25 ppm	1

SOURCE OF EXPOSURE LIMIT DATA:

1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

ABBREVIATIONS:

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

2. PHYSICAL DATA

BOILING POINT: 165F
VAPOR PRESSURE: @68F 100 mm Hg
VAPOR DENSITY (Air=1): 4.6
EVAPORATION RATE (Ether=1): 0.4
APPEARANCE AND ODOR: Thin liquid, amber -
solvent odor
SOLUBILITY IN WATER: Very slight
SP. GRAVITY (Water=1): 1.32 @ 25C
PERCENT VOLATILE: 89.0
VISCOSITY: 250-1,000 cps
pH: N/D

Duns No.: 00-617-3082

MATERIAL SAFETY
DATA SHEET



MSDS: 3M Top and Trim Adhesive Non-Flammable (Part No. 08076) Page 2
JUNE 30, 1987

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (Closed Cup): N/A
FLAMMABLE LIMITS - LEL: 8 UEL: 10.5

EXTINGUISHING MEDIA:
Non-flammable

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:

See section 4. Materials to Avoid and Hazardous Decomposition Products. Overheated, closed containers adjacent to fire could explode due to pressure buildup.

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4. REACTIVITY DATA

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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

Avoid contact with water, alcohol and amines.

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO₂, HCl and possible trace amounts of chlorine and phosgene when subjected to excessive heat or flame.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:

Observe precautions in all sections. Extinguish all ignition sources. Collect spilled material. Cleanup residue and place in metal container (U.S. Dept. of Transportation approved if it is to be shipped). Use absorbent material as needed to cleanup procedure.

RECOMMENDED DISPOSAL:

Commercial incineration with destruction and removal efficiency greater than 99.99% or reclamation is preferred. If incinerated, more than 99% of the hydrogen chloride in exhaust gas should be removed. Otherwise, dispose in accordance with local and current U.S. Environmental Protection Agency regulations.

ENVIRONMENTAL DATA:

VOC: 23 grams/liter maximum Volatile Organic Compound.

Duns No.: 00-617-3082

MATERIAL SAFETY
DATA SHEET



MSDS: 3M Top and Trim Adhesive Non-Flammable (Part No. 08076) Page 3
JUNE 30, 1987

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6. SUGGESTED FIRST AID

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EYE CONTACT:

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

SKIN CONTACT:

Wash 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. Give victim two glasses of milk or water to drink and call a physician immediately. If spontaneous vomiting should occur, lower the victim's head between the knees to prevent aspiration into the lungs.

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7. PRECAUTIONARY INFORMATION

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Use only in areas adequately ventilated with enough air movement to remove vapors and prevent vapor buildup. Avoid prolonged breathing of vapor. Avoid breathing overspray (airborne adhesive particles) during spray application. Avoid contact with eyes and skin. Contact with aluminum or zinc in a pressurized fluid system may result in explosion. Avoid vapor contact with open flames, welding arcs or other high temperature sources which can cause vapor decomposition and harmful gases.

NOTE: Vapors from this product can cause corrosive effects on ducts in work areas.

PROTECTIVE EQUIPMENT: Wear safety goggles to prevent accidental splashing into the eyes. Impervious gloves (P.V.A.) are suggested to prevent skin contact. Use an operating spray booth if at all possible. If not, provide other local exhaust ventilation to prevent vapor buildup. If adequate ventilation cannot be maintained, consult your local safety appliance dealer for appropriate respirator best suited to the needs of your application.

Duns No.: 00-617-3082

MATERIAL SAFETY
DATA SHEET



MSDS: 3M Top and Trim Adhesive Non-Flammable (Part No. 08076) Page 4
JUNE 30, 1987

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8. HEALTH HAZARD DATA
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EYE CONTACT: May cause eye irritation.
SKIN CONTACT: May defat the skin causing dryness, cracking and irritation possibly leading to dermatitis.
INHALATION: Inhalation of 1-1-1-trichloroethane vapors at concentrations which exceed the established exposure limits may cause respiratory system irritation and temporary nervous system impairment. Symptoms of overexposure include dizziness, nausea and headache. Gross acute overexposure can result in unconsciousness and even death. Continued or chronic overexposure may cause mild liver and kidney damage and may adversely affect heart rhythm.
INGESTION: Swallowing of small amounts could cause irritation of the digestive system. Swallowing large amounts may cause nausea, vomiting, burns, lowered blood pressure, heart rhythm disturbances and mild liver and kidney damage.
NOTE: Vendor data for the 1-1-1-trichloroethane states that while this solvent contains an unspecified minor percentage of diethylene ether, a reported animal carcinogen, sufficient test data exists to demonstrate that the blended solvent does not constitute a cancer hazard.

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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.
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