

Fidelity Model 57837

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2844

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

MATERIAL SAFETY
DATA SHEET



DIVISION: INDUSTRIAL SPECIALTIES

TRADE NAME:

3M 6065 SCOTCH Spray Mount (TM) Adhesive (PB)
3M I.D. NUMBER: CS-0406-1343-5 62-6065-3725-6 62-6065-4826-1

ISSUED: MAY 1, 1990
SUPERSEDES: APRIL 20, 1990
DOCUMENT: 10-4800-8

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE VALUE UNIT	LIMITS TYPE AUTH
1,1,1-trichloroethane	71-55-6	50.0 - 60.0	350 ppm	TWA ACGIH
isobutane	75-28-5	10.0 - 40.0	NONE NONE	NONE NONE
butane (if made in U.K.)	106-97-8	1.0 - 10.0	800 ppm	TWA ACGIH
Propane (if made in U.K.)	74-98-6	1.0 - 10.0	1000 ppm	TWA OSHA
Nonvolatile components - N.J. Trade Secret (T.S.) Registry No. 04499600-5488P ++	T.S.	1.0 - 10.0	NONE NONE	NONE NONE
1,4-dioxane (if made in U.S.)	123-91-1	< 2.0	25 ppm	TWA ACGIH

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

NOTE: ++ synthetic polymer, resin and plasticizer.

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:

- 1,1,1-trichloroethane
- 1,4-dioxane (if made in U.S.)

2. PHYSICAL DATA

BOILING POINT:..... Compressed Gas
VAPOR PRESSURE:..... Compressed Gas
VAPOR DENSITY:..... 4.60 Air = 1
EVAPORATION RATE:..... 0.40 Ether = 1
SOLUBILITY IN WATER:..... Nil
SP. GRAVITY:..... 0.880 Water = 1
PERCENT VOLATILE:..... ca. 93.00 %
VOLATILE ORGANICS:..... 330.00 gm/l
pH:..... N/D
VISCOSITY:..... N/A
Aerosol
APPEARANCE AND ODOR: Translucent, liquid in aerosol, sweet odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -50.00 F T.C.C.
(propellant)
FLAMMABLE LIMITS - LEL: N/A
FLAMMABLE LIMITS - UEL: Flammable Gas
AUTOIGNITION TEMPERATURE: ... N/D
EXTINGUISHING MEDIA:
CO₂, foam, dry chemical
SPECIAL FIRE FIGHTING PROCEDURES:
Fire fighters should be equipped with self-contained breathing

MSDS PART NO: MS108

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

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3. FIRE AND EXPLOSION HAZARD DATA (continued)

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 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 aerosol container. Do not store at temperatures above 120F.
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
HCl and possible amounts of chlorine and phosgene 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 = 330 grams/liter.
Maximum VOC minus Water minus Exempt Solvents = 519 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.

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6. SUGGESTED FIRST AID (continued)

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

Remove affected person to fresh air. Call a physician.

IF SWALLOWED:

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

OTHER FIRST AID:

NOTE TO PHYSICIANS: Exposure to 1,1,1-trichloroethane may increase "myocardial irritability." Do not administer sympathomimetic drugs (i.e. adrenaline) unless absolutely necessary. No specific antidote. Supportive care and treatment based on judgement of physician in response to the patient recommended.

7. PRECAUTIONARY INFORMATION

Keep product and its vapors away from heat, sparks, flame and other sources of ignition. The vapors released by this product can easily be ignited and burn explosively. Avoid vapor contact with open flames, welding arcs or other high temperature sources which might cause vapor decomposition to produce harmful gases. Avoid prolonged breathing of vapor and mist (spray particulate). Use only in areas with sufficient ventilation to maintain vapor and mist concentrations below recommended exposure limits. Use local exhaust ventilation if necessary. Avoid contact with eyes and skin; wear safety glasses and impervious gloves when handling product. Use only as directed. Do not take internally. Intentional misuse by deliberately concentrating and inhaling or swallowing may be harmful or fatal. Do not puncture or incinerate can. Do not store at temperatures above 120F. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	---- EXPOSURE LIMITS ----			
	VALUE	UNIT	TYPE	AUTH
1,1,1-trichloroethane	1900	mg/m3	TWA	ACGIH
1,1,1-trichloroethane	450	ppm	STEL	ACGIH
1,1,1-trichloroethane	2450	mg/m3	STEL	ACGIH
1,1,1-trichloroethane	350	ppm	TWA	OSHA
1,1,1-trichloroethane	1900	mg/m3	TWA	OSHA
butane (if made in U.K.)	1900	mg/m3	TWA	ACGIH
Propane (if made in U.K.)	1800	mg/m3	TWA	OSHA
1,4-dioxane (if made in U.S.)	90	mg/m3	TWA	ACGIH
1,4-dioxane (if made in U.S.)	100	ppm	TWA	OSHA
1,4-dioxane (if made in U.S.)	360	mg/m3	TWA	OSHA

SOURCE OF EXPOSURE LIMIT DATA:

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- OSHA: Occupational Safety and Health Administration

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8. HEALTH HAZARD DATA

EYE CONTACT: Liquid and vapor may cause eye irritation.

SKIN CONTACT: Liquid and spray may defat the skin causing dryness, cracking and irritation -- possibly leading to dermatitis.

INHALATION: Exposures to vapor concentrations exceeding recommended exposure limits may cause respiratory system irritation and temporary nervous system impairment (light-headedness). Deliberate misuse by concentration and inhalation of 1,1,1-trichloroethane may cause sudden death. Prolonged or repeated overexposure to 1,1,1-trichloroethane may cause mild liver and kidney injury, and heart rhythm disturbances. Symptoms of overexposure include headache, dizziness, nausea, giddiness, vomiting, diarrhea, and incoordination.

INGESTION: Accidental ingestion is unlikely from an aerosol container. However if ingestion occurs, digestive system irritation and nervous system impairment may result. Ingestion of large amounts of 1,1,1-trichloroethane may cause burns, nausea, vomiting, lowered blood pressure, heart rhythm disturbances and mild liver and kidney damage. Intentional concentration and swallowing the liquid product can be harmful or fatal. Symptoms of overexposure may include nausea, vomiting, diarrhea, dizziness, sleepiness, decreased reaction time and slurred speech. Aspiration of liquid into the lungs as a result of vomiting may cause lung damage, which can be fatal.

NOTE: 1,1,1-trichloroethane contains stabilizers, including 1,4-dioxane, a potential cancer hazard (NTP, IARC). No carcinogenic potential was revealed from studies in which laboratory animals were exposed by inhalation or ingestion to 1,1,1-trichloroethane containing 2.0% 1,4-dioxane. No birth defects or reproductive disorders were observed among exposed laboratory animals.

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.