

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

04-43
 4894

Duns No.: 00-617-3082

MATERIAL SAFETY
 DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
 TRADE NAME:
 3M Super Tack Adhesive (Part No. 08082)
 3M I.D. NUMBER: 62-4958-4809-5

ISSUED: APRIL 12, 1989
 SUPERSEDES: JANUARY 27, 1989
 DOCUMENT: 10-8282-5

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
acetone	67-64-1	30.0 - 40.0	750	ppm	TWA	ACGIH
isobutane	75-28-5	20.0 - 30.0	NONE	NONE	NONE	NONE
sulfated castor oil	8002-33-2	10.0 - 20.0	NONE	NONE	NONE	NONE
propane	74-98-6	1.0 - 10.0	1000	ppm	TWA	OSHA
pentane	109-66-0	1.0 - 10.0	600	ppm	TWA	ACGIH
phenol-alpha-pinene resin	25359-84-6	1.0 - 10.0	NONE	NONE	NONE	NONE
acrylic polymer	9017-68-9	1.0 - 10.0	NONE	NONE	NONE	NONE

SOURCE OF EXPOSURE LIMIT DATA:

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

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:

acetone

2. PHYSICAL DATA

BOILING POINT:..... Compressed Gas
 VAPOR PRESSURE:..... Compressed Gas
 VAPOR DENSITY: 2.00 Air = 1
 EVAPORATION RATE:..... 1.90 Ether = 1
 SOLUBILITY IN WATER: Slight
 SP. GRAVITY:..... N/A
 PERCENT VOLATILE: 69.00 %
 VOLATILE ORGANICS: 504.00 gm/l
 pH: N/A
 VISCOSITY: N/D
 APPEARANCE AND ODOR: Blue, aerosol liquid, acetone odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -50.00 F
 FLAMMABLE LIMITS - LEL: N/A
 FLAMMABLE LIMITS - UEL: N/A
 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:
 Extremely Flammable. Treat as a pressurized container. Overheated, closed containers adjacent to fire could explode due to internal pressure buildup.

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

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3. FIRE AND EXPLOSION HAZARD DATA (continued)

NFPA-HAZARD-CODES: HEALTH 1 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 cans. Do not store in sunlight or 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 = 504.
Maximum VOC minus Water minus Exempt Solvents = 504.

SARA HAZARD CLASS:
FIRE HAZARD: Yes PRESSURE: Yes REACTIVITY: No ACUTE: Yes CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT:
Flush eyes with plenty of water for at least 10 minutes. Call a physician.

SKIN CONTACT:
Wash with soap and water.

INHALATION:
Remove individual to 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, flames, and all 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. Avoid prolonged breathing of vapors and spray. Use only in areas with sufficient ventilation to maintain vapor and spray concentrations below recommended exposure limits. Local exhaust ventilation may be needed if large quantities are sprayed in a short period of time. Avoid eye and skin contact. Use eye (e.g., safety glasses, chemical goggles) and skin (e.g., impervious gloves) protection to prevent contact. Use only as directed. Do not take internally. Intentional misuse by deliberately concentrating and inhaling or swallowing the contents can 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		LIMITS	
	VALUE	UNIT	TYPE	AUTH
acetone	1780	mg/m3	TWA	ACGIH
acetone	1000	ppm	STEL	ACGIH
acetone	2375	mg/m3	STEL	ACGIH
acetone	750	ppm	TWA	OSHA
acetone	1800	mg/m3	TWA	OSHA
acetone	1000	ppm	STEL	OSHA
acetone	2400	mg/m3	STEL	OSHA
propane	1800	mg/m3	TWA	OSHA
pentane	1800	mg/m3	TWA	ACGIH
pentane	750	ppm	STEL	ACGIH
pentane	2250	mg/m3	STEL	ACGIH
pentane	600	ppm	TWA	OSHA
pentane	1800	mg/m3	TWA	OSHA
pentane	750	ppm	STEL	OSHA
pentane	2250	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: Spray particulate and vapor may cause eye irritation.

SKIN CONTACT: Liquid may cause skin irritation on prolonged or

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8. HEALTH HAZARD DATA (continued)

repeated contact.

INHALATION: Overexposures to vapor concentrations exceeding recommended exposure limits may cause respiratory system irritation and temporary nervous system impairment (light-headedness). Repeated or prolonged overexposures to acetone may cause heart, liver, kidney and blood damage. Excessive overexposure to pentane may cause blood and heart effects. Symptoms of overexposure may include headache, dizziness, weakness, fatigue, and on extreme overexposure, unconsciousness.

INGESTION: Not an anticipated route of exposure due to the aerosol nature of the product. Intentional concentration and ingestion may cause digestive system irritation and light-headedness. Solvent aspiration into the lungs as a result of vomiting may cause lung damage, which can be fatal.

SECTION CHANGE DATES

INGREDIENTS	SECTION CHANGED SINCE	JANUARY 27, 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 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.