

MATERIAL SAFETY  
DATA SHEET

3M  
3M Center  
St. Paul, Minnesota  
55144-1000  
1-800-364-3577 or (651) 737-6501 (24 hours)

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DIVISION: ENGINEERED ADHESIVES

TRADE NAME:

3M(TM) BRAND Spray Mount(TM) (XA-9420)

ID NUMBER/U.P.C.:

GS-2000-1109-5	-	-	-	GS-2000-3074-9	-	-	-	
GS-2000-3302-4	-	-	-	GS-2000-3304-0	-	-	-	
GS-2000-3305-7	-	-	-	GS-2000-3306-5	-	-	-	
GS-2000-3307-3	-	-	-	GS-2000-3308-1	-	-	-	
GS-2000-3309-9	-	-	-	GS-2000-3310-7	-	-	-	
GS-2000-3311-5	-	-	-	GS-2000-3312-3	-	-	-	GS-2000

ISSUED: May 31, 2001  
SUPERSEDES: May 30, 2001  
DOCUMENT: 09-4740-8

1. INGREDIENT

	C.A.S. NO.	PERCENT	
PROPANE.....			
BUTANE.....	74-98-6	10.0	- 20.0
PENTANE.....	106-97-8	10.0	- 20.0
NAPHTHA (PETROLEUM), HYDRODESULFURIZED LIGHT, DEAROMATIZED.....	109-66-0	10.0	- 20.0
HYDROTREATED LIGHT NAPHTHA (PETROLEUM).. ISOBUTANE.....	92045-53-9	10.0	- 20.0
ACRYLATE POLYMER.....	64742-49-0	10.0	- 20.0
ACETONE.....	75-28-5	5.0	- 10.0
ISOPENTANE.....	TradeSecret	5.0	- 10.0
ALPHA-PINENE POLYMER.....	67-64-1	1.0	- 5.0
	78-78-4	1	- 5
	25766-18-1	1.0	- 5.0

2. PHYSICAL DATA

BOILING POINT:..... N/D  
VAPOR PRESSURE:..... N/D  
VAPOR DENSITY:..... N/D  
EVAPORATION RATE:..... N/D  
SOLUBILITY IN WATER:..... nil  
SPECIFIC GRAVITY:..... 0.65 Water=1  
PERCENT VOLATILE:..... 85 - 90 %  
pH:..... N/A

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

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2. PHYSICAL DATA (continued)  
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VISCOSITY:..... N/D  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Liquid in aerosol container, clear

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... -46.00 C  
FLAMMABLE LIMITS - LEL:..... N/D  
FLAMMABLE LIMITS - UEL:..... N/D  
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Water spray, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head. Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 4 REACTIVITY: 1  
UNUSUAL REACTION HAZARD: none

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Heat.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Aldehydes, Ketones, Hydrocarbons.

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5. ENVIRONMENTAL INFORMATION

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**SPILL RESPONSE:**

Observe precautions from other sections. Ventilate area. Extinguish all ignition sources. Cover with absorbent material. Collect using non-sparking tools. Place in an approved metal container.

**RECOMMENDED DISPOSAL:**

Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material. Facility must be capable of handling aerosol cans. Dispose of empty cans in a sanitary landfill. Dispose of completely absorbed waste product in a facility permitted to accept chemical wastes.

**ENVIRONMENTAL DATA:**

Not determined.

**REGULATORY INFORMATION:**

Volatile Organic Compounds: N/D.  
VOC Less H<sub>2</sub>O & Exempt Solvents: N/D.

Since regulations vary, consult applicable regulations or authorities before disposal.

**EPCRA HAZARD CLASS:**

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

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6. SUGGESTED FIRST AID

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**EYE CONTACT:**

Immediately flush eyes with large amounts of water. Get immediate medical attention.

**SKIN CONTACT:**

Flush skin with large amounts of water. If irritation persists, get medical attention.

**INHALATION:**

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

**IF SWALLOWED:**

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

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 7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:

Avoid eye contact with vapor, spray, or mist. Wear vented goggles.  
 Wear safety glasses with side shields.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: polyethylene/ethylene vinyl alcohol, polytetrafluoroethylene (Teflon).

RECOMMENDED VENTILATION:

Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

RESPIRATORY PROTECTION:

Avoid breathing of vapors, mists or spray. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Store at temperatures below 120 degrees F (49 degrees C). Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Aerosol container contains flammable gas under pressure. Keep away from heat, sparks, open flame, and other sources of ignition. Extremely flammable liquid and vapor. Do not pierce or burn container, even after use. Avoid static discharge.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
PROPANE.....	1000	PPM	TWA	OSHA	
PROPANE.....	2500	PPM	TWA	ACGIH	
BUTANE.....	800	PPM	TWA	ACGIH	
BUTANE.....	800	PPM	TWA	OSHA	
PENTANE.....	600	PPM	TWA	ACGIH	
PENTANE.....	600	PPM	TWA	OSHAV	
			OSHA VACATED PEL		
PENTANE.....	750	PPM	STEL	OSHAV	
			OSHA VACATED PEL		
PENTANE.....	1000	PPM	TWA	OSHA	
NAPHTHA (PETROLEUM),					

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
HYDRODESULFURIZED LIGHT, DEAROMATIZED.....	NONE	NONE	NONE	NONE	
HYDROTREATED LIGHT NAPHTHA (PETROLEUM).....	50	PPM	TWA	CMRG	
ISOBUTANE.....	NONE	NONE	NONE	NONE	
ACRYLATE POLYMER.....	NONE	NONE	NONE	NONE	
ACETONE.....	500	PPM	TWA	ACGIH	
ACETONE.....	750	PPM	STEL	ACGIH	
ACETONE.....	750	PPM	TWA	OSHAV	
			OSHA VACATED PEL		
ACETONE.....	1000	PPM	STEL	OSHAV	
			OSHA VACATED PEL		
ACETONE.....	1000	PPM	TWA	OSHA	
ISOPENTANE.....	600	PPM	TWA	ACGIH	
ALPHA-PINENE POLYMER.....	NONE	NONE	NONE	NONE	

\* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- OSHAV: Occupational Safety and Health Administration Vacated PEL.  
 Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:

Intentional concentration and inhalation may be harmful or fatal.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

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8. HEALTH HAZARD DATA (continued)  
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Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

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SECTION CHANGE DATES  
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HEADING	SECTION CHANGED SINCE May 30, 2001	ISSUE
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