

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
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DIVISION: CONSTRUCTION AND HOME IMPROVEMENT PRODS

TRADE NAME:

3M Brand Craft & Workshop Spray Adhesive, Catalog Nos. 6081 and 6082

ID NUMBER/U.P.C.:

70-0704-1945-5 00-21200-01531-1 70-0704-1947-1 00-21200-01530-4

ISSUED: April 01, 1999

SUPERSEDES: December 03, 1997

DOCUMENT: 05-3925-4

1. INGREDIENT	C.A.S. NO.	PERCENT
TradeSecret.....	TradeSecret	20.0 - 30.0
CYCLOHEXANE.....	110-82-7	10.0 - 20.0
2-METHYLPENTANE.....	107-83-5	10.0 - 20.0
DIMETHYL ETHER.....	115-10-6	5.0 - 15.0
LIQUEFIED PETROLEUM GAS.....	68476-85-7	5.0 - 15.0
PROPANE.....	74-98-6	5.0 - 15.0
3-METHYLPENTANE.....	96-14-0	3.0 - 7.0
2,3-DIMETHYLBUTANE.....	79-29-8	3.0 - 7.0
NEOHEXANE.....	75-83-2	1.0 - 5.0
ISOBUTANE.....	75-28-5	0.1 - 1.0
HEXANE.....	110-54-3	< 0.1
hexane (other isomers).....	None	< 0.05

Non-volatile components: rosin, synthetic polymer, resin and
 antioxidant.

This product contains the following toxic chemical or chemicals subject to
 the reporting requirements of Section 313 of Title III of the Emergency
 Planning and Community Right-To-Know Act of 1986 and 40 CFR Part 372:

CYCLOHEXANE

HEXANE

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

2. PHYSICAL DATA

BOILING POINT:..... Compressed gas
VAPOR PRESSURE:..... Compressed gas
VAPOR DENSITY:..... 2.97 Air=1
EVAPORATION RATE:..... 1.9 Ether=1
SOLUBILITY IN WATER:..... nil
SPECIFIC GRAVITY:..... 0.697 Water=1
PERCENT VOLATILE:..... ca. 75 % by wt
pH:..... N/A
VISCOSITY:..... N/A
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Aerosol, light cream colored, sweet/fruity odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -42 F TCC
FLAMMABLE LIMITS - LEL:..... N/A
FLAMMABLE LIMITS - UEL:..... flammable gas
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

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.

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: 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

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4. REACTIVITY DATA (continued)

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
Heat.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Toxic Vapors, Gases or
Particulates.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate area. Extinguish all ignition sources. Evacuate unprotected personnel from hazard area. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS. Place in an approved metal container. Close cylinder or if necessary vent in hood or remote area.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator. Do not puncture or burn cans in a household incinerator. Facility must be capable of handling aerosol cans. Dispose of completely cured (or polymerized) material in a sanitary landfill. Dispose of empty cans in a sanitary landfill.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 75 % South Coast Air Quality Mgmt Dist Method 75 % CARB; 527 g/l EPA Method 24.
VOC Less H2O & Exempt Solvents: ca. 75 % South Coast Air Quality Mgmt Dist Method 527 g/l EPA Method 24.

Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

EPCRA HAZARD CLASS:

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

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6. SUGGESTED FIRST AID

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.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

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

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material.

RECOMMENDED VENTILATION:

Do not use in a confined area or areas with little or no air movement. 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. Provide ventilation adequate to control vapor concentrations below recommended exposure limits and/or control spray or mist.

RESPIRATORY PROTECTION:

Avoid breathing of vapors, mists or spray. half-mask organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

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

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 7. PRECAUTIONARY INFORMATION (continued)

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. No smoking while handling this material. Avoid static discharge.

OTHER PRECAUTIONARY INFORMATION:

Do not puncture or incinerate in a household incinerator.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
TradeSecret.....	NONE	NONE	NONE	NONE	
CYCLOHEXANE.....	300	PPM	TWA	ACGIH	
CYCLOHEXANE.....	300	PPM	TWA	OSHA	
2-METHYLPENTANE.....	500	PPM	TWA	ACGIH	
2-METHYLPENTANE.....	1000	PPM	STEL	ACGIH	
DIMETHYL ETHER.....	1000	PPM	TWA	CMRG	
DIMETHYL ETHER.....	500	PPM	TWA	AIHA	
DIMETHYL ETHER.....	942	MG/M3	TWA	AIHA	
LIQUEFIED PETROLEUM GAS.....	1000	PPM	TWA	ACGIH	
LIQUEFIED PETROLEUM GAS.....	1000	PPM	TWA	OSHA	
PROPANE.....	1000	PPM	TWA	OSHA	
PROPANE.....	2500	PPM	TWA	ACGIH	
3-METHYLPENTANE.....	500	PPM	TWA	ACGIH	
3-METHYLPENTANE.....	1000	PPM	STEL	ACGIH	
2,3-DIMETHYLBUTANE.....	500	PPM	TWA	ACGIH	
2,3-DIMETHYLBUTANE.....	1000	PPM	STEL	ACGIH	
NEOHEXANE.....	500	PPM	TWA	ACGIH	
NEOHEXANE.....	1000	PPM	STEL	ACGIH	
ISOBUTANE.....	NONE	NONE	NONE	NONE	
HEXANE.....	50	PPM	TWA	ACGIH	Y
HEXANE.....	50	PPM	TWA	OSHA	
hexane (other isomers).....	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
- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level Guideline
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*

- 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.

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

Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain.

Liver Effects: signs/symptoms can include yellow skin(jaundice) and tenderness of upper abdomen.

Peripheral Neuropathy: signs/symptoms can include tingling of extremities, incoordination, numbness, weakness and tremors.

IF SWALLOWED:

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

Not an expected route of exposure.

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SECTION CHANGE DATES

INGREDIENTS SECTION CHANGED SINCE December 03, 1997 ISSUE
PRECAUTIONARY INFO. SECTION CHANGED SINCE December 03, 1997 ISSUE

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