

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

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DIVISION: AUTOMOTIVE AFTERMARKET  
 TRADE NAME:  
 3M(TM) Spray Disc Adhesive, P.N. 08054  
 ID NUMBER/U.P.C.:  
 62-4655-3709-0 00-51135-08054-2 CS-0406-6987-4 - - -  
 CS-0406-7019-5 - - -  
 ISSUED: March 12, 2001  
 SUPERSEDES: December 20, 1999  
 DOCUMENT: 11-0085-8

1. INGREDIENT	C.A.S. NO.	PERCENT
DIMETHYL ETHER.....	115-10-6	30.0 - 60.0
NON-VOLATILE COMPONENTS - New Jersey Trade Secret Registry No. 04499600- 5472P ++.....	TradeSecret	10.0 - 30.0
PENTANE.....	109-66-0	10.0 - 30.0
ACETONE.....	67-64-1	5.0 - 10.0
CYCLOHEXANE.....	110-82-7	5.0 - 10.0
BENZENE.....	71-43-2	< 0.02

The components of this product are in compliance with the chemical  
 notification requirements of TSCA.

++ synthetic polymers, resin, oil 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
- BENZENE

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2. PHYSICAL DATA

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BOILING POINT:.....	Compressed gas
VAPOR PRESSURE:.....	Compressed gas
VAPOR DENSITY:.....	N/D
EVAPORATION RATE:.....	N/D

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

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2. PHYSICAL DATA (continued)  
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SOLUBILITY IN WATER:..... Nil  
SPECIFIC GRAVITY:..... 0.716 Water=1  
PERCENT VOLATILE:..... 82 % by wt  
pH:..... N/A  
VISCOSITY:..... N/A  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Liquid in aerosol container, amber, solvent odor

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... -50.00 F  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... Flamm. 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 AEROSOL STORAGE: 2  
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.

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4. REACTIVITY DATA (continued)  
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HAZARDOUS DECOMPOSITION PRODUCTS:

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

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5. ENVIRONMENTAL INFORMATION  
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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. Contain spill. Evacuate unprotected personnel  
from hazard area. Cover with absorbent material. Collect using non-  
sparking tools. 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.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator. Facility must  
be capable of handling aerosol cans. Dispose of empty cans in a  
sanitary landfill.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 73 % by wt.  
Volatile Organic Compounds: 4.36 lb/gal calculated.  
Volatile Organic Compounds: 523 gms/liter calculated per SCAQMD rule  
443.1.  
VOC Less H2O & Exempt Solvents: 568 gms/liter calculated per SCAQMD rule  
443.1.

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) D018 (Benzene)

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 skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber, neoprene.

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.

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, full-face organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating. Do not ingest.

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 7. PRECAUTIONARY INFORMATION (continued)  
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RECOMMENDED STORAGE:

Store in a cool place. 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. Prevent all sources of ignition. Extremely flammable liquid and vapor. Do not pierce or burn container, even after use. No smoking while handling this material.

HMIS HAZARD RATINGS: HEALTH: 2 FLAMMABILITY: 4 REACTIVITY: 0  
 PERSONAL PROTECTION: G (See precautions, section 7.)

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
DIMETHYL ETHER.....	1000	PPM	TWA	CMRG	
DIMETHYL ETHER.....	500	PPM	TWA	AIHA	
NON-VOLATILE COMPONENTS - New Jersey Trade Secret Registry No. 04499600-5472P ++.....					
PENTANE.....	NONE	NONE	NONE	NONE	
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	
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	
CYCLOHEXANE.....	300	PPM	TWA	ACGIH	
CYCLOHEXANE.....	300	PPM	TWA	OSHA	
BENZENE.....	2.5	PPM	STEL	ACGIH	Y
BENZENE.....	0.5	PPM	TWA	ACGIH	Y
BENZENE.....	1	PPM	TWA	OSHA	
BENZENE.....	5	PPM	STEL	OSHA	
BENZENE.....	0.5	PPM	TWA	OSHA	
OSHA ACTION LEVEL					

\* 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.

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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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
- 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:

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

SKIN CONTACT:

Mild Skin Irritation: 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.

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.

Prolonged or repeated overexposure, above recommended guidelines, may cause:

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.

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8. HEALTH HAZARD DATA (continued)  
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IF SWALLOWED:

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

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.

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

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

Aspiration Pneumonitis: signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

CANCER:

WARNING: Contains a chemical which can cause cancer. (71-43-2) (NTP human carcinogen, IARC human carcinogen 1, OSHA listed carcinogen, ACGIH suspected human carcinogen A2, Calif. Proposition 65)

REPRODUCTIVE/DEVELOPMENTAL TOXINS:

WARNING: Contains a chemical which can cause birth defects and male reproductive harm. (71-43-2)

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SECTION CHANGE DATES  
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HEADING	SECTION CHANGED SINCE	December 20, 1999	ISSUE
INGREDIENTS	SECTION CHANGED SINCE	December 20, 1999	ISSUE
ENVIRONMENTAL INFO.	SECTION CHANGED SINCE	December 20, 1999	ISSUE
PRECAUTIONARY INFO.	SECTION CHANGED SINCE	December 20, 1999	ISSUE
HEALTH HAZARD DATA	SECTION CHANGED SINCE	December 20, 1999	ISSUE

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