

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
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DIVISION: AUTOMOTIVE AFTERMARKET
 TRADE NAME:
 3M(TM) Feathering Disc Adhesive - Type II, P.N. 08051
 ID NUMBER/U.P.C. :
 60-9800-2705-0 00-51135-08051-1 62-4487-2608-3 00-51135-08051-1
 ISSUED: October 29, 1999
 SUPERSEDES: November 26, 1997
 DOCUMENT: 10-5266-1

1. INGREDIENT	C.A.S. NO.	PERCENT
HEXANE.....	110-54-3	50.0 - 70.0
BETA-PINENE, ALPHA-PINENE, DIPENTENE, BETA-PHELLANDRENE POLYMER.....	68240-09-5	7.0 - 13.0
POLYISOPRENE.....	9003-31-0	7.0 - 13.0
GLYCEROL ESTER OF HYDROGENATED ROSIN....	65997-13-9	3.0 - 7.0

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

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:
 HEXANE

2. PHYSICAL DATA
BOILING POINT:..... 148.00 F (hexane)
VAPOR PRESSURE:..... 12.6500 mmHg @ 68F
VAPOR DENSITY:..... 2.97 Air=1
EVAPORATION RATE:..... 1.90 Ether=1
SOLUBILITY IN WATER:..... Very slight
SPECIFIC GRAVITY:..... 0.800 Water=1
PERCENT VOLATILE:..... 70 % by wt
pH:..... N/A
VISCOSITY:..... 3425.0 centistoke

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

2. PHYSICAL DATA (continued)

MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Liquid, amber, hexane odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -10.00 F TCC
FLAMMABLE LIMITS - LEL:..... 1.20 % by vol
FLAMMABLE LIMITS - UEL:..... 6.90 % by vol
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: 3 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Oxides of Sulfur, Formaldehyde, Toxic Vapors, Gases or Particulates.

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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. Contain spill. Evacuate unprotected personnel from hazard area. Cover with absorbent material. Cover spill area with Light Water Brand or other AFFF foam. (For further information on AFFF foam usage, contact 3M Fire Protection Systems.) 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. Seal the container.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 70 % by wt.
Volatile Organic Compounds: 4.67 lb/gal calculated per SCAQMD rule 443.1.
Volatile Organic Compounds: 560 gms/liter calculated per SCAQMD rule 443.1.
VOC Less H2O & Exempt Solvents: 560 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)

EPCRA HAZARD CLASS:

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

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.

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6. SUGGESTED FIRST AID (continued)

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. 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: nitrile rubber, polyvinyl alcohol, fluoroelastomer (Viton).

RECOMMENDED VENTILATION:

Do not use in a confined area or areas with little or no air movement. Provide appropriate local exhaust ventilation at transfer points. Provide appropriate local exhaust ventilation on open containers. 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. 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. Do not ingest.

RECOMMENDED STORAGE:

Store away from heat. Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition. Extremely flammable liquid and vapor. Ground containers securely when transferring contents. Wear low static or properly grounded shoes. No smoking while handling

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7. PRECAUTIONARY INFORMATION (continued)

this material.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
HEXANE.....	50	PPM	TWA	ACGIH	Y
HEXANE.....	50	PPM	TWA	OSHA	
BETA-PINENE, ALPHA-PINENE, DIPENTENE, BETA-PHELLANDRENE POLYMER.....	NONE	NONE	NONE	NONE	
POLYISOPRENE.....	NONE	NONE	NONE	NONE	
GLYCEROL ESTER OF HYDROGENATED ROSIN.....	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
- OSHA: Occupational Safety and Health Administration
- 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:

Moderate Skin Irritation: signs/symptoms can include redness, swelling, itching, and dryness.

May be absorbed through the skin in harmful amounts.

INHALATION:

May be harmful if inhaled.

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)

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

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

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

IF SWALLOWED:

Ingestion may cause:

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.

SECTION CHANGE DATES

INGREDIENTS	SECTION CHANGED SINCE	November 26, 1997	ISSUE
ENVIRONMENTAL INFO.	SECTION CHANGED SINCE	November 26, 1997	ISSUE
SUGG. FIRST AID	SECTION CHANGED SINCE	November 26, 1997	ISSUE
PRECAUTIONARY INFO.	SECTION CHANGED SINCE	November 26, 1997	ISSUE
HEALTH HAZARD DATA	SECTION CHANGED SINCE	November 26, 1997	ISSUE

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