

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

Duns No.: 00-617-3082

MATERIAL SAFETY
DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: 3M Feathering Disc Adhesive, Type II (Part No. 08051)
3M I.D. NUMBER: 62-4487-2608-3
ISSUED: JUNE 30, 1987
SUPERSEDES: MARCH 26, 1986
DOCUMENT: 10-5256-1

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
natural rubber	N/A		N/D 5
hydrocarbon resin	N/A		N/D 5
rosin ester	N/A		N/D 5
TOTAL OF THE ABOVE	N/A	29.0	N/D 5
hexane*	110-54-3	70.0	50 ppm 1
*contains minimum 44% n-hexane	110-54-3		50 ppm 1
titanium dioxide	13463-67-7	0.6	5 mg/m3 Dust 1

SOURCE OF EXPOSURE LIMIT DATA:

1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

ABBREVIATIONS:

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

2. PHYSICAL DATA

BOILING POINT: 148F Hexane
 VAPOR PRESSURE: 126.5 mm @ 68F
 VAPOR DENSITY (Air=1): 2.97
 EVAPORATION RATE (Ether=1): 1.9
 APPEARANCE AND ODOR: Amber liquid -- hexane odor
 SOLUBILITY IN WATER: Very slight
 SP. GRAVITY (Water=1): 0.80
 PERCENT VOLATILE: 70
 VISCOSITY: 3,425 Centistokes
 PH: N/A

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (Closed Cup/Hexane): -10F
FLAMMABLE LIMITS - LEL: 1.2 UEL: 6.9

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. Overheated, closed containers adjacent to fire could explode due to pressure buildup.

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4. REACTIVITY DATA

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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2 and smoke particles when subjected to excessive heat or flame.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:

Observe precautions in all sections. Large quantities -- Extinguish and do not ignite flame in the immediate work area; collect spilled material; clean up residue and place in closed metal container (U.S. Dept. of Transportation approved if material is to be shipped). Small quantities -- Not applicable for individual units.

RECOMMENDED DISPOSAL:

Large quantities -- Commercial incineration with destruction and removal efficiency of greater than 99.99% or reclamation is preferred. Otherwise, dispose in accordance with local and current U.S. Environmental Protection Agency regulations. Not applicable for individual units.

U.S. EPA Hazardous Waste Number: D001 (Ignitable).

ENVIRONMENTAL DATA:

VOC: 520 grams/liter maximum Volatile Organic Compound.

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6. SUGGESTED FIRST AID

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EYE CONTACT:

Immediately flush eyes with plenty of water for at least 10 minutes.
Call a physician.

SKIN CONTACT:

Wash with soap and water.

INHALATION:

Provide fresh air. Support or restore breathing if necessary. Call
a physician.

IF SWALLOWED:

Do not induce vomiting. Give two glasses of milk or water to drink.
Call a physician. Do not give liquids to an unconscious person.

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7. PRECAUTIONARY INFORMATION

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Keep away from heat, sparks and flame. Extinguish and do not ignite
flame in the immediate work area. The vapors released by this
product can be easily ignited. Use only in areas adequately
ventilated to remove vapors and prevent vapor buildup. Avoid
prolonged breathing of vapors. Prevent eye and skin contact. Keep
container closed when not in use. Keep out of the reach of children.
Wear protective equipment when handling this product, i.e. chemical
goggles or safety glasses and impervious gloves.

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8. HEALTH HAZARD DATA

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EYE CONTACT: Liquid may cause severe eye irritation and vapor may cause eye irritation.

SKIN CONTACT: Prolonged or repeated skin contact may defat skin leading to irritation and dermatitis. n-Hexane may be absorbed through the skin in harmful amounts.

INHALATION: Vapor overexposure may cause respiratory system irritation and light-headedness. Repeated or extreme overexposure to n-hexane may cause nervous system damage. Symptoms of overexposure may include headache, dizziness, weakness, fatigue, nausea, loss of coordination and stupor.

INGESTION: May cause digestive system irritation and nervous system impairment. Symptoms include nausea, diarrhea, dizziness, sleepiness, decreased reaction time and slurred speech. Solvent aspiration into the lungs as a result of vomiting may cause lung damage and in the extreme, death.

NOTE: Titanium dioxide is a potential cancer hazard based on animal studies at extremely high, repeated exposures. This effect is not expected under the conditions of product intended use.

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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.