

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
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DIVISION: AUTOMOTIVE AFTERMARKET
 TRADE NAME:

3M FINESSE-IT II Finishing Material P/N 05927, 05928, 05929, 05932
 ID NUMBER/U.P.C. :
 60-9800-1029-6 00-51131-05928-3 60-9800-1131-0 00-51131-05929-0
 60-9800-1525-3 00-51131-05932-0 60-9800-2090-7 00-51131-06049-4
 CN-1006-9451-8 - - -
 ISSUED: October 24, 2000
 SUPERSEDES: October 05, 2000
 DOCUMENT:11-0395-1

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER.....	7732-18-5	50.0 - 75.0
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)..	64742-48-9	5.0 - 15.0
ALUMINUM OXIDE.....	1344-28-1	5.0 - 15.0
DISTILLATES (PETROLEUM), ACID TREATED, LIGHT.....	64742-14-9	5.0 - 15.0
GLYCERIN.....	56-81-5	1.0 - 5.0

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

2. PHYSICAL DATA

BOILING POINT:..... >200
 VAPOR PRESSURE:..... <1 MM HG
 VAPOR DENSITY:..... 4.50 Air=1
 EVAPORATION RATE:..... N/D
 SOLUBILITY IN WATER:..... DISPERSABLE
 SPECIFIC GRAVITY:..... 1 Water=1
 PERCENT VOLATILE:..... 85 - 90 % by wt
 pH:..... 8.0 - 8.3
 VISCOSITY:..... 12K - 18K CPS
 MELTING POINT:..... N/D

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

2. PHYSICAL DATA (continued)

APPEARANCE AND ODOR:

Liquid, white, no odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... > 200.00 F
ASTM Method D93
FLAMMABLE LIMITS - LEL:..... 0.7%
FLAMMABLE LIMITS - UEL:..... 7.0%
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.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 1 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

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

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5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Contain spill. Cover with absorbent material. Collect spilled material. Clean up residue with water. Place in a closed container.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility in the presence of a combustible material.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 1.92 lb/gal calculated per SCAQMD rule 443.1.
Volatile Organic Compounds: 230 gms/liter calculated per SCAQMD rule 443.1.
VOC Less H2O & Exempt Solvents: 638 gms/liter calculated per SCAQMD rule 443.1.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

EPCRA HAZARD CLASS:

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

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:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

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

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 7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact.

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

RECOMMENDED VENTILATION:

Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits.

RESPIRATORY PROTECTION:

Avoid prolonged breathing of vapors.

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating. Do not ingest.

RECOMMENDED STORAGE:

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.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
WATER.....	NONE	NONE	NONE	NONE	
HYDROTREATED HEAVY NAPHTHA (PETROLEUM).....	100	PPM	TWA	3M	
HYDROTREATED HEAVY NAPHTHA (PETROLEUM).....	300	PPM	TWA	CMRG	
ALUMINUM OXIDE.....	1.0	FIBER/CC	TWA	CMRG	
ALUMINUM OXIDE.....	1.0	FIBER/CC	TWA	OSHA	
		PROPOSED			
ALUMINUM OXIDE.....	10	MG/M3	TWA	OSHAV	
		AS DUST			
		OSHA VACATED PEL: TOTAL DUST			
ALUMINUM OXIDE.....	10	MG/M3	TWA	ACGIH	
		as Al			
ALUMINUM OXIDE.....	15	MG/M3	TWA	OSHA	
		AS DUST			
		TOTAL DUST			
ALUMINUM OXIDE.....	5	MG/M3	TWA	OSHA	
		AS DUST			

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
RESPIRABLE FRACTION					
DISTILLATES (PETROLEUM), ACID TREATED, LIGHT.....	NONE	NONE	NONE	NONE	
GLYCERIN.....	10	MG/M3	TWA	ACGIH	
		AS MIST			
GLYCERIN.....	10	MG/M3	TWA	OSHAV	
		AS MIST			
		OSHA VACATED PEL: TOTAL DUST			
GLYCERIN.....	15	MG/M3	TWA	OSHA	
		AS MIST			
		TOTAL DUST			
GLYCERIN.....	5	MG/M3	TWA	OSHA	
		AS MIST			
		RESPIRABLE FRACTION			

* 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:

- 3M: 3M Recommended Exposure Guidelines
- 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:

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

SKIN CONTACT:

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

INHALATION:

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:

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8. HEALTH HAZARD DATA (continued)

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

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

PRECAUTIONARY INFO. SECTION CHANGED SINCE October 05, 2000 ISSUE

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