

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
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DIVISION: AUTOMOTIVE AFTERMARKET
 TRADE NAME:
 3M(TM) Perfect-It(TM) Foam Polishing Pad Glaze - Dark, P.N. 05986,
 05996
 ID NUMBER/U.P.C.:
 60-9800-1404-1 00-51131-05996-2 60-9800-1532-9 00-51131-05986-3
 ISSUED: October 20, 2000
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 DOCUMENT: 07-6510-7

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER.....	7732-18-5	30.0 - 60.0
DISTILLATES (PETROLEUM), ACID TREATED, LIGHT.....	64742-14-9	10.0 - 30.0
ALUMINUM OXIDE.....	1344-28-1	7.0 - 13.0
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)..	64742-48-9	5.0 - 10.0
GLYCERIN.....	56-81-5	1.0 - 5.0
WHITE MINERAL OIL (PETROLEUM).....	8042-47-5	0.5 - 1.5

The components of this product are in compliance with the chemical
 notification requirements of TSCA. All applicable chemical
 ingredients in this material are listed on the European Inventory of
 Existing Chemical Substances (EINECS), or are exempt polymers whose
 monomers are listed on EINECS.

2. PHYSICAL DATA
BOILING POINT:..... 212 F
VAPOR PRESSURE:..... < 1 mmHg
VAPOR DENSITY:..... > 1 Air=1
EVAPORATION RATE:..... N/D
SOLUBILITY IN WATER:..... DISPERSABLE
SPECIFIC GRAVITY:..... 1 Water=1
PERCENT VOLATILE:..... 85 - 90 %
pH:..... 8.1 - 8.5
VISCOSITY:..... 14000.0 - 20000.0 centipoise
MELTING POINT:..... N/D

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

2. PHYSICAL DATA (continued)

APPEARANCE AND ODOR:

Liquid, grey color, light kerosene odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... > 200 F

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. Ventilate area. Contain spill. Cover with inorganic 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. Disposal alternative: Dispose of completely absorbed waste product in a facility permitted to accept chemical wastes.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 26 % calculated per SCAQMD rule 443.1.
Volatile Organic Compounds: 2.19 lb/gal calculated per SCAQMD rule 443.1.
Volatile Organic Compounds: 263 gms/liter calculated per SCAQMD rule 443.1.
VOC Less H2O & Exempt Solvents: 657 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.

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:

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	
DISTILLATES (PETROLEUM), ACID TREATED, LIGHT.....	NONE	NONE	NONE	NONE	
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			
		RESPIRABLE FRACTION			

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
HYDROTREATED HEAVY NAPHTHA (PETROLEUM).....	100	PPM	TWA	3M	
HYDROTREATED HEAVY NAPHTHA (PETROLEUM).....	300	PPM	TWA	CMRG	
GLYCERIN.....	10	MG/M3	TWA	ACGIH	
GLYCERIN.....	10	MG/M3	TWA	OSHAV	
GLYCERIN.....	15	MG/M3	TWA	OSHA	
GLYCERIN.....	5	MG/M3	TWA	OSHA	
WHITE MINERAL OIL (PETROLEUM).....	5	MG/M3	TWA	CMRG	
WHITE MINERAL OIL (PETROLEUM).....	10	MG/M3	STEL	CMRG	

* 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.

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8. HEALTH HAZARD DATA (continued)

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:

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:

Gastrointestinal Effects: signs/symptoms generally will include abdominal pain.

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 02, 2000 ISSUE

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