

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

00-07
826

Duns No.: 00-617-3082

MATERIAL SAFETY
DATA SHEET



DIVISION: AUTOMOTIVE TRADES DIVISION
TRADE NAME:
3M IMPERIAL Microfinishing Glaze P/N 5992
3M I.D. NUMBER: 60-9800-1106-2

ISSUED: DECEMBER 29, 1988
SUPERSEDES: DECEMBER 22, 1988
DOCUMENT: 10-2868-7

1. INGREDIENT	C.A.S. NO.	PERCENT	----- EXPOSURE		LIMITS -----	
			VALUE	UNIT	TYPE	AUTH
WATER	7732-18-5	40.0 - 50.0	NONE	NONE	NONE	NONE
ALUMINUM SILICATE	66402-68-4	15.0 - 25.0	NONE	NONE	NONE	NONE
ISOPARAFFINIC HYDROCARBON	64742-48-9	10.0 - 15.0	300	ppm	TWA	CMRG
PETROLEUM DISTILLATE	64742-14-9	5.0 - 15.0	NONE	NONE	NONE	NONE
GLYCERIN	56-81-5	5.0 - 15.0	10	mg/m3	TWA	ACGIH
MINERAL OIL, HYDROTREATED	8042-47-5	1.0 - 5.0	NONE	NONE	NONE	NONE
ISOBUTYL ALCOHOL	78-83-1	< 0.5	50	ppm	TWA	ACGIH

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacture Recommended Guidelines
- NONE: None Established

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:
ALUMINUM SILICATE

2. PHYSICAL DATA

BOILING POINT:..... >200
VAPOR PRESSURE:..... <1 MM HG
VAPOR DENSITY: 4.50 Air = 1
EVAPORATION RATE:..... N/D
SOLUBILITY IN WATER: DISPERSIBLE
SP. GRAVITY:..... 1.080 Water = 1
PERCENT VOLATILE: 80
VOLATILE ORGANICS: 0.00 gm/l
G VOC/L 248.72 G VOC/(L-VW-VES) 525.38
pH: 7.85-8.20
VISCOSITY: 7K-14K CPS
APPEARANCE AND ODOR: WHITE, LIQUID, NO ODOR

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 138 F CLOSED CUP
FLAMMABLE LIMITS - LEL: 0.70 %
FLAMMABLE LIMITS - UEL: 7.00 %
AUTOIGNITION TEMPERATURE: ... N/D
EXTINGUISHING MEDIA:
FOAM, WATER SPRAY (FOG), DRY CHEMICAL, CARBON DIOXIDE AND VAPORIZING
LIQUID TYPE EXTINGUISHING AGENTS MAY ALL BE SUITABLE FOR
EXTINGUISHING FIRES INVOLVING THIS TYPE OF PRODUCT.
SPECIAL FIRE FIGHTING PROCEDURES:
TREAT AS OIL FIRE. USE WATER ONLY TO COOL SURROUNDING CONTAINERS OF
FLAMMABLE OR COMBUSTIBLE MATERIALS.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
DENSE SMOKE MAY BE GENERATED WHEN BURNING.

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

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DECEMBER 29, 1988

PAGE: 2 of 3

3. FIRE AND EXPLOSION HAZARD DATA (continued)

NFPA-HAZARD-CODES: HEALTH 2 FIRE 2 REACTIVITY 0
UNUSUAL REACTION HAZARD: None

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
STRONG OXIDIZING AGENTS
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
CARBON MONOXIDE, CARBON DIOXIDE, SMOKE PARTICLES

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
EXTINGUISH ALL IGNITION SOURCES. VENTILATE AREA. OBSERVE
PRECAUTIONS FROM OTHER SECTIONS. COVER WITH INORGANIC ABSORBENT
MATERIAL. PLACE IN U.S. DOT APPROVED METAL CONTAINER AND SEAL.

RECOMMENDED DISPOSAL:
INCINERATE COMPLETELY ABSORBED WASTE PRODUCT AND WASTE/BULK PRODUCT
IN A HAZARDOUS WASTE FACILITY. CONSULT APPLICABLE REGULATIONS OR
AUTHORITIES BEFORE DISPOSAL. U.S. EPA HAZARD WASTE NUMBER: D001
(IGNITABLE).

ENVIRONMENTAL DATA:
N/D

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

6. SUGGESTED FIRST AID

EYE CONTACT:
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST TEN MINUTES.
IF IRRITATION PERSISTS, CALL A PHYSICIAN.

SKIN CONTACT:
WASH WITH SOAP AND WATER.

INHALATION:
REMOVE INDIVIDUAL TO FRESH AIR. CALL A PHYSICIAN.

IF SWALLOWED:
DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

OTHER FIRST AID:
NONE

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PAGE: 3 of 3

7. PRECAUTIONARY INFORMATION

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. USE ONLY IN AREAS WITH SUFFICIENT VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BELOW THE RECOMMENDED EXPOSURE LIMITS. AVOID EYE AND SKIN CONTACT AND PROLONGED BREATHING OF VAPORS. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	---- EXPOSURE		LIMITS -----	
	VALUE	UNIT	TYPE	AUTH
ISOPARAFFINIC HYDROCARBON	1900	mg/m3	TWA	CMRG
ISOBUTYL ALCOHOL	150	mg/m3	TWA	ACGIH
ISOBUTYL ALCOHOL	100	ppm	TWA	OSHA
ISOBUTYL ALCOHOL	300	mg/m3	TWA	OSHA

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- CMRG: Chemical Manufacture Recommended Guidelines

8. HEALTH HAZARD DATA

EYE CONTACT: IRRITATING TO EYES ON CONTACT.

SKIN CONTACT: PROLONGED SKIN CONTACT MAY DEFAT SKIN LEADING TO IRRITATION OR DERMATITIS.

INHALATION: VAPORS MAY BE IRRITATING TO THE RESPIRATORY SYSTEM. PROLONGED OVEREXPOSURE TO VAPORS MAY CAUSE KIDNEY EFFECTS AND MAY CAUSE TEMPORARY NERVOUS SYSTEM IMPAIRMENT (LIGHTHEADEDNESS).

INGESTION: MAY CAUSE DIGESTIVE SYSTEM IRRITATION. SOLVENT ASPIRATION INTO THE LUNGS MAY CAUSE LUNG DAMAGE OR DEATH.

SECTION CHANGE DATES

INGREDIENTS	SECTION CHANGED SINCE	DECEMBER 22, 1988	ISSUE
ENVIRON. DATA	SECTION CHANGED SINCE	DECEMBER 22, 1988	ISSUE

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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.