

3M General Offices
 3M Center
 St. Paul, Minnesota 55144-1000
 612/733-1110
 Duns No.: 00-617-3082

03-53
 3401

MATERIAL SAFETY
 DATA SHEET



DIVISION: AUTOMOTIVE TRADES DIVISION
TRADE NAME:
 3M IMPERIAL Machine Glaze P/N 5991, 6001, 6003
3M I.D. NUMBER: CN-1006-9457-5 60-9800-0993-4 60-9800-1130-2 60-9800-1529-5
ISSUED: APRIL 16, 1991
SUPERSEDES: APRIL 1, 1991
DOCUMENT: 10-2864-6

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
WATER	7732-18-5	50.0 - 75.0	NONE	NONE	NONE	NONE
ALUMINUM SILICATE	66402-68-4	5.0 - 20.0	NONE	NONE	NONE	NONE
STODDARD SOLVENT	8052-41-3	5.0 - 20.0	100	ppm	TWA	ACGIH
PETROLEUM DISTILLATE	64742-14-9	5.0 - 20.0	NONE	NONE	NONE	NONE
GLYCERIN	56-81-5	1.0 - 5.0	10	mg/m3	TWA	ACGIH
MINERAL OIL, HYDROTREATED	8042-47-5	1.0 - 5.0	5	mg/m3	TWA	ACGIH
ACRYLIC EMULSION	N/D	1.0 - 5.0	NONE	NONE	NONE	NONE

SOURCE OF EXPOSURE LIMIT DATA:
 - ACGIH: American Conference of Governmental Industrial Hygienists
 - 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:..... 212 F
 VAPOR PRESSURE:..... N/D
 VAPOR DENSITY:..... > 1.00 Air = 1
 EVAPORATION RATE:..... 4.40 Ether = 1
 SOLUBILITY IN WATER:..... DILUTABLE
 SP. GRAVITY:..... 1.010 Water = 1
 PERCENT VOLATILE:..... 75
 VOLATILE ORGANICS:..... 229.88 gm/l
 G VOC/(L-VW-VES) 592.02
 pH:..... 7.5-8.5
 VISCOSITY:..... 3K-5K CPS
 APPEARANCE AND ODOR: TAN COLORED VISCOUS LIQUID WITH A SWEET SOLVENT ODOR

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 113 F ASTM D3278
 FLAMMABLE LIMITS - LEL:..... 0.9%
 FLAMMABLE LIMITS - UEL:..... 6.0%
 AUTOIGNITION TEMPERATURE: ... N/D
 EXTINGUISHING MEDIA:
 CARBON DIOXIDE, FOAM, OR DRY CHEMICAL
 SPECIAL FIRE FIGHTING PROCEDURES:
 NONE
 UNUSUAL FIRE AND EXPLOSION HAZARDS:
 NONE
 NFPA-HAZARD-CODES: HEALTH 2 FIRE 2 REACTIVITY 0
 UNUSUAL REACTION HAZARD: None

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

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4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
NONE
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
CARBON DIOXIDE, CARBON MONOXIDE

5. ENVIRONMENTAL INFORMATION

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

RECOMMENDED DISPOSAL:
INCINERATE COMPLETELY ABSORBED WASTE 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:
Volatile Organic Compound (VOC): Maximum VOC = 229.88 grams/liter.
Maximum VOC minus Water minus Exempt Solvents = 592.02 grams/liter.
VOC's were calculated according to Rule 443.1 of the South Coast Air Quality Management District (SCAQMD).

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. CALL A PHYSICIAN.

SKIN CONTACT:
THOROUGHLY WASH AFFECTED AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS, CALL A PHYSICIAN.

INHALATION:
PROVIDE FRESH AIR. IF BREATHING IS DIFFICULT, CALL A PHYSICIAN.

IF SWALLOWED:
DO NOT INDUCE VOMITING. GIVE THE VICTIM 1-2 GLASSES OF WATER. CALL A PHYSICIAN.

OTHER FIRST AID:
NONE

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7. PRECAUTIONARY INFORMATION

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

GLOVES ARE RECOMMENDED WHEN REPEATED OR PROLONGED SKIN CONTACT IS EXPECTED. DUST MASKS SHOULD BE WORN WHEN POWER GRINDING ON DRIED PUTTY. USE GOOD PERSONAL HYGIENE TO PREVENT ACCIDENTAL OVEREXPOSURE.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE		LIMITS	
	VALUE	UNIT	TYPE	AUTH
STODDARD SOLVENT	525	mg/m3	TWA	ACGIH
STODDARD SOLVENT	100	ppm	TWA	OSHA
STODDARD SOLVENT	525	mg/m3	TWA	OSHA
GLYCERIN	10	mg/m3	TWA	OSHA
MINERAL OIL, HYDROTREATED	10	mg/m3	STEL	ACGIH
MINERAL OIL, HYDROTREATED	5	mg/m3	TWA	OSHA
MINERAL OIL, HYDROTREATED	10	mg/m3	STEL	OSHA

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

8. HEALTH HAZARD DATA

EYE CONTACT: LIQUID CONTACT WITH EYES WILL BE IRRITATING. SYMPTOMS OF EXPOSURE CAN INCLUDE: IRRITATION, BURNING SENSATION.

SKIN CONTACT: PROLONGED OR REPEATED SKIN CONTACT WITH LIQUID MAY CAUSE SKIN DRYING, IRRITATION, AND DERMATITIS.

INHALATION: VAPOR OVEREXPOSURE MAY CAUSE RESPIRATORY SYSTEM IRRITATION AND TEMPORARY NERVOUS SYSTEM IMPAIRMENT. SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, INCOORDINATION OR NAUSEA. CHRONIC OVEREXPOSURE TO DUST PRODUCED BY PROCESSES CREATING LARGE AMOUNTS OF DUST FROM THE DRY PRODUCT MAY RESULT IN RESPIRATORY SYSTEM IRRITATION.

INGESTION: INGESTION OF THIS LIQUID MAY CAUSE DIGESTIVE SYSTEM IRRITATION AND NAUSEA.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE
	APRIL 1, 1991 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 material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.