

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

03-53
3398

MATERIAL SAFETY
DATA SHEET



DIVISION: AUTOMOTIVE TRADES DIVISION

TRADE NAME:

3M IMPERIAL Hand Glaze P/N 5989, 5990, 6000
3M I.D. NUMBER: CN-1006-9456-7 CN-1006-9456-7 XC-0616-7893-1 XC-0616-7893-1
60-9800-0965-2 60-9800-0965-2 60-9800-1129-4 60-9800-1129-4
60-9800-1528-7

ISSUED: APRIL 16, 1991

SUPERSEDES: APRIL 1, 1991

DOCUMENT: 10-2861-2

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
WATER	7732-18-5	60.0 - 80.0	NONE	NONE	NONE	NONE
STODDARD SOLVENT	8052-41-3	5.0 - 10.0	100	ppm	TWA	ACGIH
MINERAL OIL, HYDROTREATED	8042-47-5	5.0 - 10.0	5	mg/m3	TWA	ACGIH
ALUMINUM SILICATE	66402-68-4	1.0 - 5.0	NONE	NONE	NONE	NONE
CASTOR OIL	8001-79-4	1.0 - 5.0	NONE	NONE	NONE	NONE
GLYCERIN	56-81-5	1.0 - 5.0	10	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:..... 0.950 Water = 1
PERCENT VOLATILE:..... 80-85%
VOLATILE ORGANICS:..... 135.85 gm/l
G VOC/(L-VW-VES) 456.14
pH:..... 7.8-8.0
VISCOSITY:..... 3.5K-4.5K CPS
APPEARANCE AND ODOR: LIGHT ORANGE-BROWN COLORED LIQUID WITH A FAINT, SWEET SMELL

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 120 F SETAFLASH
FLAMMABLE LIMITS - LEL:..... 0.80 %
FLAMMABLE LIMITS - UEL:..... 6.00 %
AUTOIGNITION TEMPERATURE: ... N/D
EXTINGUISHING MEDIA:
CARBON DIOXIDE, FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES:
NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE
NFPA-HAZARD-CODES: HEALTH 1 FIRE 1 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:
N/D

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 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:
Volatile Organic Compound (VOC): Maximum VOC = 135.85 grams/liter.
Maximum VOC minus Water minus Exempt Solvents = 456.14 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:
FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST TEN MINUTES. 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

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.

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7. PRECAUTIONARY INFORMATION (continued)

AVOID EYE CONTACT AND PROLONGED SKIN CONTACT. KEEP CONTAINER CLOSED
WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

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
MINERAL OIL, HYDROTREATED	10	mg/m3	STEL	ACGIH
MINERAL OIL, HYDROTREATED	5	mg/m3	TWA	OSHA
MINERAL OIL, HYDROTREATED	10	mg/m3	STEL	OSHA
GLYCERIN	10	mg/m3	TWA	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: MAY CAUSE IRRITATION.

SKIN CONTACT: MAY CAUSE IRRITATION. SYMPTOMS OF PROLONGED EXPOSURE
MAY INCLUDE REDNESS, DRYNESS, AND DEFATTING OF THE SKIN.

INHALATION: MAY CAUSE RESPIRATORY SYSTEM IRRITATION. CHRONIC
OVEREXPOSURE MAY CAUSE TEMPORARY NERVOUS SYSTEM IMPAIRMENT AND KIDNEY
DAMAGE AT HIGH CONCENTRATIONS. SYMPTOMS MAY INCLUDE DIZZINESS,
HEADACHE, NAUSEA, AND LOSS OF COORDINATION.

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

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE	APRIL 1, 1991 ISSUE
PHYSICAL DATA	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.