

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

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**STABILITY:** Stable  
**INCOMPATIBILITY - MATERIALS TO AVOID:**  
NONE  
**HAZARDOUS POLYMERIZATION:** Will Not Occur  
**HAZARDOUS DECOMPOSITION PRODUCTS:**  
N/D

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#### 5. ENVIRONMENTAL INFORMATION

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**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

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#### 6. SUGGESTED FIRST AID

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**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

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#### 7. PRECAUTIONARY INFORMATION

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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		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.