

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

12-70
 14829

Duns No.: 00-617-3082

MATERIAL SAFETY
 DATA SHEET



DIVISION: AUTOMOTIVE TRADES DIVISION
TRADE NAME:
 3M FINAL GLAZE P/N 5988
3M I.D. NUMBER: XC-0616-7892-3 60-9800-0743-3

ISSUED: OCTOBER 10, 1988
SUPERSEDES: JULY 29, 1988
DOCUMENT: 10-2856-2

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE VALUE UNIT	LIMITS TYPE AUTH
WATER	7732-18-5	60.0 - 70.0	NONE NONE	NONE NONE
STODDARD SOLVENT	8052-41-3	10.0 - 20.0	100 ppm	TWA ACGIH
AMORPHOUS SILICA	7631-86-9	1.0 - 10.0	3 mg/m3	TWA ACGIH
PETROLEUM DISTILLATE	64742-53-6	1.0 - 10.0	5 mg/m3	TWA CMRG
GLYCERIN	56-81-5	1.0 - 5.0	10 mg/m3	TWA ACGIH

SOURCE OF EXPOSURE LIMIT DATA:
 - ACGIH: American Conference of Governmental Industrial Hygienists
 - CMRG: Chemical Manufacture Recommended Guidelines
 - NONE: None Established

2. PHYSICAL DATA

BOILING POINT:..... 212 F
VAPOR PRESSURE:..... N/D
VAPOR DENSITY:..... 3.90 Air = 1
EVAPORATION RATE:..... 4.40 Ether = 1
SOLUBILITY IN WATER:..... DILUTABLE
SP. GRAVITY:..... 0.980-1.000 Water = 1
PERCENT VOLATILE:..... 82
VOLATILE ORGANICS:..... 0.00 gm/l
 G VOC/L 198.00 G VOC/(L-VW-VES) 584.46
pH:..... 5.0-5.4
VISCOSITY:..... 1.4K-3.5K CPS
APPEARANCE AND ODOR: TAN COLORED VISCOUS LIQUID WITH A SWEET SOLVENT ODOR

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 115 F ASTM D3278
FLAMMABLE LIMITS - LEL:..... 0.90 %
FLAMMABLE LIMITS - UEL:..... 6.00 %
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

4. REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY - MATERIALS TO AVOID:
 NONE
HAZARDOUS POLYMERIZATION: Will Not Occur

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

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4. REACTIVITY DATA (continued)

HAZARDOUS DECOMPOSITION PRODUCTS:
CARBON DIOXIDE, CARBON MONOXIDE

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
EXTINGUISH 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

6. SUGGESTED FIRST AID

EYE CONTACT:
FLUSH EYES WITH LARGE AMOUNTS 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. DRINK TWO GLASSES OF MILK OR WATER. CALL A PHYSICIAN.

OTHER FIRST AID:
NONE

7. PRECAUTIONARY INFORMATION

KEEP PRODUCT AWAY FROM HEAT, SPARKS, AND FLAME. USE ONLY IN AREAS WITH SUFFICIENT VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BELOW THE RECOMMENDED EXPOSURE LIMITS. AVOID EYE AND SKIN CONTACT. AVOID BREATHING VAPOR. AVOID INHALATION OF HIGH CONCENTRATIONS OF DUST FROM THIS PRODUCT, GENERATED BY SOME WORK PROCESSES. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

GOGGLES SHOULD BE WORN WHEN SPLASHING IS POSSIBLE. DUST MASKS SHOULD BE WORN WHEN EXCESSIVE DUST CONDITIONS OCCUR. GLOVES ARE RECOMMENDED WHEN REPEATED OR PROLONGED SKIN CONTACT IS EXPECTED.

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7. PRECAUTIONARY INFORMATION (continued)

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE LIMITS		LIMITS	
	VALUE	UNIT	TYPE	AUTH
STODDARD SOLVENT	525	mg/m3	TWA	ACGIH
STODDARD SOLVENT	500	ppm	TWA	OSHA
STODDARD SOLVENT	2900	mg/m3	TWA	OSHA
AMORPHOUS SILICA	6	mg/m3	TWA	ACGIH
AMORPHOUS SILICA	20	mppcf	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: PROLONGED OR REPEATED SKIN CONTACT WITH LIQUID MAY CAUSE SKIN DRYING, IRRITATION, AND DERMATITIS. SINGLE SHORT-TERM CONTACT IS UNLIKELY TO CAUSE IRRITATION.

INHALATION: ACUTE OVEREXPOSURE TO HIGH VAPOR CONCENTRATIONS ABOVE ACCEPTABLE LEVELS MAY CAUSE HEADACHE, DIZZINESS, INCOORDINATION OR NAUSEA. CHRONIC OVEREXPOSURE TO DUST PRODUCED BY PROCESSES CREATING LARGE AMOUNTS OF DUST FROM THE DRY PRODUCT MAY RESULT IN SILICOSIS OR OTHER PULMONARY PROBLEMS.

INGESTION: INGESTION OF THIS LIQUID MAY CAUSE DIGESTIVE SYSTEM IRRITATION AND NAUSEA. POTENTIAL ASPIRATION HAZARD IF VOMITING OCCURS FOLLOWING INGESTION.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE	JULY 29, 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.