

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

12-70
 14852

Duns No.: 00-617-3082

MATERIAL SAFETY
 DATA SHEET



DIVISION: AUTOMOTIVE TRADES DIVISION
 TRADE NAME:
 3M FILL 'N GLAZE P/N 5976/5977
 3M I.D. NUMBER: 60-9800-0698-9 60-9800-0912-4 60-9800-0912-4

ISSUED: JULY 27, 1988
 SUPERSEDES: SEPTEMBER 24, 1987
 DOCUMENT: 10-2853-9

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
WATER	7732-18-5	45.0 - 60.0	NONE	NONE	NONE	NONE
STODDARD SOLVENT	8052-41-3	25.0 - 35.0	100	ppm	TWA	ACGIH
SILICONE FLUID	63148-62-9	1.0 - 5.0	NONE	NONE	NONE	NONE
MORPHOLINE	110-91-8	1.0 - 5.0	20	ppm	TWA	ACGIH
OLEIC ACID	112-80-1	1.0 - 5.0	NONE	NONE	NONE	NONE
AMORPHOUS SILICA	7631-86-9	1.0 - 5.0	3	mg/m3	TWA	ACGIH
CLAY	1332-58-7	1.0 - 5.0	10	mg/m3	TWA	ACGIH

SOURCE OF EXPOSURE LIMIT DATA:
 - ACGIH: American Conference of Governmental Industrial Hygienists
 - NONE: None Established

2. PHYSICAL DATA

BOILING POINT:..... 212 F
 VAPOR PRESSURE:..... N/D
 VAPOR DENSITY: 0.00 Air = 1
 >1
 EVAPORATION RATE:..... 0.00 Ether = 1
 >1
 SOLUBILITY IN WATER: DILUTABLE
 SP. GRAVITY:..... 0.000 Water = 1
 0.91-0.94
 PERCENT VOLATILE: 90
 VOLATILE ORGANICS: 0.00 gm/l
 G VOC/L 300.63 G VOC/(L-VW-VES) 642.06
 pH: 9.0-9.3
 VISCOSITY: 400-1000 CPS
 APPEARANCE AND ODOR: PINK LIQUID WITH SWEET SOLVENT ODOR

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 101.00 F
 FLAMMABLE LIMITS - LEL: 0.9
 FLAMMABLE LIMITS - UEL: 6.0
 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 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:
NONE

5. ENVIRONMENTAL INFORMATION

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

RECOMMENDED DISPOSAL:
INCINERATE 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 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. DRINK TWO GLASSES OF MILK OR WATER. 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 THE
RECOMMENDED EXPOSURE LIMITS. AVOID EYE AND SKIN CONTACT. AVOID
BREATHING VAPOR. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF
THE REACH OF CHILDREN.

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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
MORPHOLINE	70	mg/m3	TWA	ACGIH
MORPHOLINE	30	ppm	STEL	ACGIH
MORPHOLINE	105	mg/m3	STEL	ACGIH
MORPHOLINE	20	ppm	TWA	OSHA
MORPHOLINE	70	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: MAY CAUSE IRRITATION. SYMPTOMS MAY INCLUDE REDNESS, DRYNESS, AND ULCERATION OF THE SKIN.

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

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

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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.

