

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

06-74  
5488

Duns No.: 00-617-3082

MATERIAL SAFETY  
DATA SHEET



DIVISION: AUTOMOTIVE TRADES DIVISION  
TRADE NAME: 3M BRAND POLISH 'N GLAZE P/N 5983  
3M I.D. NUMBER: 60-9800-0862-1  
ISSUED: SEPTEMBER 24, 1987  
SUPERSEDES: OCTOBER 14, 1986  
DOCUMENT: 10-2855-4

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
WATER	7732-18-5	40.0- 45.0	N/D 5
MORPHOLINE	110-91-8	1.0- 2.0	20 PPM 1 (SKIN)
WAX	N/A	2.0- 5.0	N/D 5
SILICONE FLUID	63148-62-9	1.0- 5.0	N/D 5
MINERAL SPIRITS	8032-32-4	40.0- 45.0	300 PPM 1
FATTY ACID	112-80-1	1.0- 5.0	N/D 5
SILICA	7631-86-9	10.0- 15.0	10 MG/CU M 1

- SOURCE OF EXPOSURE LIMIT DATA
1. ACGIH THRESHOLD LIMIT VALUES
  2. FEDERAL OSHA PERMISSIBLE EXPOSURE LIMIT
  3. 3M EXPOSURE GUIDELINES
  4. CHEMICAL MANUFACTURER RECOMMENDED GUIDELINES
  5. NONE ESTABLISHED

ABBREVIATIONS  
N/D - NOT DETERMINED  
N/A - NOT APPLICABLE

2. PHYSICAL DATA

BOILING POINT: 212 F  
VAPOR PRESSURE: N/D  
VAPOR DENSITY (AIR=1): 3.9  
EVAPORATION RATE (ETHER = 1): 375  
SOLUBILITY IN WATER: WATER EMULSION  
SP. GRAVITY (WATER=1): 0.91-0.96  
PERCENT VOLATILE: 80-84  
VISCOSITY: 1.2K-3.5K CPS  
pH: 9.0-9.5 (10%)  
APPEARANCE AND ODOR: LIGHT BLUE VISCOUS LIQUID

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (ASTM D3278): 155 F  
FLAMMABLE LIMITS - LEL: 0.7 UEL: 6.0

EXTINGUISHING MEDIA:  
CARBON DIOXIDE, FOAM, OR DRY CHEMICAL  
SPECIAL FIRE FIGHTING PROCEDURES:  
NONE  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
NONE

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4. REACTIVITY DATA

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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:  
NONE  
HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:  
CARBON DIOXIDE, CARBON MONOXIDE

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:  
COVER WITH INORGANIC ABSORBENT MATERIAL, PLACE IN APPROVED METAL  
CONTAINER AND SEAL.

RECOMMENDED DISPOSAL:  
DISPOSE OF COMPLETELY ABSORBED WASTE PRODUCT AND WASTE/BULK PRODUCT  
IN A FACILITY PERMITTED TO ACCEPT CHEMICAL WASTE. CONSULT APPLICABLE  
REGULATIONS OR AUTHORITIES BEFORE DISPOSAL.

ENVIRONMENTAL DATA:  
N/D U.S. EPA HAZARD WASTE NUMBER: N/A

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6. SUGGESTED FIRST AID

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EYE CONTACT:  
FLUSH IMMEDIATELY WITH WATER FOR AT LEAST TEN MINUTES AND CALL A  
PHYSICIAN.

SKIN CONTACT:  
WASH WITH SOAP AND WATER.

INHALATION:  
PROVIDE FRESH AIR.

IF SWALLOWED:  
CALL A PHYSICIAN. DO NOT INDUCE VOMITING.

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7. PRECAUTIONARY INFORMATION  
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KEEP AWAY FROM HEAT AND FLAMES. USE IN A WELL VENTILATED AREA WITH  
ENOUGH AIR MOVEMENT TO PREVENT VAPOR BUILDUP. AVOID PROLONGED  
BREATHING OF VAPORS AND DUST. KEEP CONTAINER CLOSED WHEN NOT IN USE.  
AVOID CONTACT WITH EYES AND SKIN. KEEP OUT OF REACH OF CHILDREN.

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8. HEALTH HAZARD DATA  
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EYE CONTACT: MAY CAUSE IRRITATION. SYMPTOMS MAY INCLUDE TEARING AND  
BLURRED VISION.

SKIN CONTACT: MAY CAUSE IRRITATION.

INHALATION: MAY CAUSE RESPIRATORY SYSTEM IRRITATION. CHRONIC  
EXPOSURE MAY CAUSE NERVOUS SYSTEM IMPAIRMENT. SYMPTOMS MAY INCLUDE  
DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, STUPOR, AND  
UNCONSCIOUSNESS.

INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION. ASPIRATION INTO  
THE LUNG MAY CAUSE LUNG DAMAGE. SYMPTOMS MAY INCLUDE NAUSEA,  
VOMITING, AND NERVOUS SYSTEM IMPAIRMENT.

G VOC/L: 399.71 G VOC (L-VW-VES): 641.22

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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.  
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