

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

02-82  
 2376

MATERIAL SAFETY  
 DATA SHEET



DIVISION: AUTOMOTIVE TRADES DIVISION  
 TRADE NAME:  
 3M Brand Acryl-Blue Glazing Putty P/N 5964  
 3M I.D. NUMBER: 60-9800-0597-3

ISSUED: JULY 27, 1990  
 SUPERSEDES: OCTOBER 12, 1989  
 DOCUMENT: 10-2850-5

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE LIMITS		LIMITS	
			VALUE	UNIT	TYPE	AUTH
TALC	14807-96-6	35.0 - 45.0	2	mg/m3	TWA	ACGI
TITANIUM DIOXIDE	13463-67-7	10.0 - 15.0	10	mg/m3	TWA	ACGI
TOLUENE	108-88-3	5.0 - 10.0	100	ppm	TWA	ACGI
N-BUTYL ACETATE	123-86-4	5.0 - 10.0	150	ppm	TWA	ACGI
XYLENE	1330-20-7	5.0 - 10.0	100	ppm	TWA	ACGI
ACRYLIC RESIN	N/D	5.0 - 10.0	NONE	NONE	NONE	NONE
RESIN BINDER	9004-36-8	5.0 - 10.0	NONE	NONE	NONE	NONE
BUTYL BENZYL PHTHALATE	85-68-7	1.0 - 5.0	NONE	NONE	NONE	NONE
ISOPROPYL ALCOHOL	67-63-0	1.0 - 5.0	400	ppm	TWA	ACGI

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:

TOLUENE  
 XYLENE  
 BUTYL BENZYL PHTHALATE

2. PHYSICAL DATA

BOILING POINT:..... IPA 181 F  
 VAPOR PRESSURE:..... N/D  
 VAPOR DENSITY: ..... 4.00 Air = 1  
 EVAPORATION RATE:..... TOLUENE 1.9  
 SOLUBILITY IN WATER: ..... INSOLUBLE  
 SP. GRAVITY:..... 1.480-1.530 Water = 1  
 PERCENT VOLATILE: ..... 26-29  
 VOLATILE ORGANICS: ..... 424.41 gm/l  
 G VOC/(L-VW-VES) 424.41  
 pH: ..... N/D  
 VISCOSITY: ..... 100K-200K CPS  
 APPEARANCE AND ODOR: VISCIOUS BLUE, PASTE, SOLVENT ODOR

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 63 F SETAFLASH  
 FLAMMABLE LIMITS - LEL: ..... 1.00 %  
 FLAMMABLE LIMITS - UEL: ..... 15.00 %  
 AUTOIGNITION TEMPERATURE: ... N/D  
 EXTINGUISHING MEDIA:  
 CARBON DIOXIDE, FOAM, DRY CHEMICAL.  
 SPECIAL FIRE FIGHTING PROCEDURES:  
 FIGHT AS VOLATILE LIQUID FIRE.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS:  
 KEEP AWAY FROM HEAT, SPARKS, AND FLAME.

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

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

02-82  
2377

MATERIAL SAFETY  
DATA SHEET



MSDS: 3M Brand Acryl-Blue Glazing Putty P/N 5964  
JULY 27, 1990

PAGE: 2 of 4

---

### 3. FIRE AND EXPLOSION HAZARD DATA (continued)

---

NFPA-HAZARD-CODES: HEALTH 2 FIRE 3 REACTIVITY 0  
UNUSUAL REACTION HAZARD: NONE

---

### 4. REACTIVITY DATA

---

STABILITY: Stable  
INCOMPATIBILITY - MATERIALS TO AVOID:  
NONE  
HAZARDOUS POLYMERIZATION: Will Not Occur  
HAZARDOUS DECOMPOSITION PRODUCTS:  
CARBON MONOXIDE, CARBON DIOXIDE, AND ACRYLIC MONOMER FUMES.

---

### 5. ENVIRONMENTAL INFORMATION

---

SPILL RESPONSE:  
OBSERVE PRECAUTIONS FROM OTHER SECTIONS, EXTINGUISH ALL IGNITION  
SOURCES. VENTILATE AREA. COLLECT SPILLED 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

SARA HAZARD CLASS:  
FIRE HAZARD: Yes PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

---

### 6. SUGGESTED FIRST AID

---

EYE CONTACT:  
IMMEDIATELY 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

---

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

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

02-82  
 2378

MATERIAL SAFETY  
 DATA SHEET



MSDS: 3M Brand Acryl-Blue Glazing Putty P/N 5964  
 JULY 27, 1990

PAGE: 3 of 4

**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 EYE CONTACT. AVOID PROLONGED BREATHING OF VAPORS AND PROLONGED OR REPEATED SKIN CONTACT. WASH HANDS THOROUGHLY AFTER USING. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

GLOVES ARE RECOMMENDED WHEN REPEATED OR PROLONGED SKIN CONTACT IS EXPECTED. DUST MASKS SHOULD BE WORN WHEN POWER GRINDING ON DRIED PUTTY. USE GOOD PERSONAL HYGIENE TO PREVENT ACCIDENTAL OVEREXPOSURE.

**ADDITIONAL EXPOSURE LIMITS**

INGREDIENTS	EXPOSURE		LIMITS	
	VALUE	UNIT	TYPE	AUTH
TALC	2	mg/m3	TWA	OSHA
TITANIUM DIOXIDE	10	mg/m3	TWA	OSHA
TOLUENE	377	mg/m3	TWA	ACGIH
TOLUENE	150	ppm	STEL	ACGIH
TOLUENE	565	mg/m3	STEL	ACGIH
TOLUENE	100	ppm	TWA	OSHA
TOLUENE	375	mg/m3	TWA	OSHA
TOLUENE	150	ppm	STEL	OSHA
TOLUENE	560	mg/m3	STEL	OSHA
N-BUTYL ACETATE	150	ppm	TWA	OSHA
N-BUTYL ACETATE	710	mg/m3	TWA	OSHA
N-BUTYL ACETATE	200	ppm	STEL	OSHA
N-BUTYL ACETATE	950	mg/m3	STEL	OSHA
N-BUTYL ACETATE	713	mg/m3	TWA	ACGIH
N-BUTYL ACETATE	200	ppm	STEL	ACGIH
N-BUTYL ACETATE	950	mg/m3	STEL	ACGIH
XYLENE	434	mg/m3	TWA	ACGIH
XYLENE	150	ppm	STEL	ACGIH
XYLENE	651	mg/m3	STEL	ACGIH
XYLENE	100	ppm	TWA	OSHA
XYLENE	435	mg/m3	TWA	OSHA
XYLENE	150	ppm	STEL	OSHA
XYLENE	655	mg/m3	STEL	OSHA
ISOPROPYL ALCOHOL	985	mg/m3	TWA	ACGIH
ISOPROPYL ALCOHOL	500	ppm	STEL	ACGIH
ISOPROPYL ALCOHOL	1230	mg/m3	STEL	ACGIH
ISOPROPYL ALCOHOL	400	ppm	TWA	OSHA
ISOPROPYL ALCOHOL	980	mg/m3	TWA	OSHA
ISOPROPYL ALCOHOL	500	ppm	STEL	OSHA
ISOPROPYL ALCOHOL	1225	mg/m3	STEL	OSHA

**SOURCE OF EXPOSURE LIMIT DATA:**

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

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

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

02-82  
2379

MATERIAL SAFETY  
DATA SHEET



MSDS: 3M Brand Acryl-Blue Glazing Putty P/N 5964  
JULY 27, 1990

PAGE: 4 of 4

---

**8. HEALTH HAZARD DATA**

---

EYE CONTACT: LIQUID AND VAPOR MAY CAUSE IRRITATION. SYMPTOMS MAY INCLUDE REDNESS, TEARING, AND BLURRED VISION.

SKIN CONTACT: MAY CAUSE IRRITATION. MAY BE ABSORBED THROUGH THE SKIN. SYMPTOMS MAY INCLUDE DRYNESS AND CRACKING.

INHALATION: VAPOR OVEREXPOSURE MAY CAUSE RESPIRATORY SYSTEM IRRITATION AND TEMPORARY NERVOUS SYSTEM IMPAIRMENT. CHRONIC EXPOSURE MAY CAUSE NERVOUS SYSTEM IMPAIRMENT, LIVER AND BLOOD CHANGES, AND KIDNEY DAMAGE. SYMPTOMS MAY INCLUDE DIZZINESS, NAUSEA, HEADACHE, VOMITING, INCOORDINATION, WEAKNESS, FATIGUE, AND DECREASED REACTION TIME.

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

NOTE: THERE IS LESS THAN 1% CRYSTALLINE SILICA BOUND IN THIS PUTTY. NO ADVERSE HEALTH EFFECTS ARE EXPECTED FROM THIS LOW LEVEL OF CRYSTALLINE SILICA.

---

**SECTION CHANGE DATES**

---

<b>PHYSICAL DATA</b>	<b>SECTION CHANGED SINCE</b>	<b>OCTOBER 12, 1989</b>	<b>ISSUE</b>
----------------------	------------------------------	-------------------------	--------------

---

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

---

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.