

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

00-14
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MATERIAL SAFETY
 DATA SHEET



DIVISION: AUTOMOTIVE TRADES
TRADE NAME:
 AUTOMIX (TM) Brand Channel Bonding & Sidelite Adhesive (BASE) (1XA)
 PART NO. 08641
3M I.D. NUMBER: 62-3589-1409-1

ISSUED: APRIL 12, 1990
SUPERSEDES: NOVEMBER 21, 1988
DOCUMENT: 10-5978-1

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
epoxy resin	25068-38-6	90.0 -100.0	NONE	NONE	NONE	NONE
amorphous silica	7631-86-9	1.0 - 10.0	3	mg/m3	TWA	ACGIH

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- NONE: None Established

NOTE: This Base (Mfg. #1XA-3589) used with AUTOMIX Channel Bondg & Sidelite Adhesive ACCEL. (1XA); (Mfg. #1XA-3689 -- MSDS DOC #1059799).

2. PHYSICAL DATA

BOILING POINT:..... N/A
VAPOR PRESSURE:..... N/A
VAPOR DENSITY:..... N/A
EVAPORATION RATE:..... N/A
SOLUBILITY IN WATER:..... 0.1-1.0 %
SP. GRAVITY:..... 1.180 Water = 1
PERCENT VOLATILE:..... N/A
 (0% By Weight)
VOLATILE ORGANICS:..... N/A
pH:..... N/A
VISCOSITY:..... Non-flow paste
APPEARANCE AND ODOR: Milk-white, paste, epoxy odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A
 (None)
FLAMMABLE LIMITS - LEL:..... N/A
FLAMMABLE LIMITS - UEL:..... N/A
AUTOIGNITION TEMPERATURE:... N/D
EXTINGUISHING MEDIA:
 CO2, foam, dry chemical
SPECIAL FIRE FIGHTING PROCEDURES:
 Fire fighters should wear self-contained breathing apparatus when fighting fires involving this material.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
 None.
NFPA-HAZARD-CODES: HEALTH 1 FIRE 0 REACTIVITY 1
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:
N/A
HAZARDOUS POLYMERIZATION: Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:
CO, CO₂ and smoke particles when subjected to excessive heat or flame.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Ventilate the area. Observe the precautions from other sections. Collect spilled materials. Place in a U.S. Department of Transportation - approved metal container, and seal.

RECOMMENDED DISPOSAL:
Mix part "A" with part "B". Completely cure and dispose of fully cured waste material in a sanitary landfill. Incinerate uncured bulk material after mixing with flammable material in an industrial or commercial facility. Disposal should be in accordance with applicable regulations.

ENVIRONMENTAL DATA:
Volatile Organic Compound (VOC):
Maximum VOC = N/A.
Maximum VOC minus Water minus Exempt Solvents = N/A.

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

6. SUGGESTED FIRST AID

EYE CONTACT:
Flush eyes with plenty of water for at least 10 minutes. Call a physician.

SKIN CONTACT:
Wash affected area with soap and water.

INHALATION:
Provide fresh air.

IF SWALLOWED:
Do not induce vomiting. Call a physician or poison control center.

OTHER FIRST AID:
NONE

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7. PRECAUTIONARY INFORMATION

FOR INDUSTRIAL OR PROFESSIONAL USE ONLY. This material is part of a two component system. The precautions for each component should be observed when separate or mixed. Use only with sufficient ventilation to maintain vapor concentrations below recommended exposure limits. Avoid eye contact. Wear appropriate eye protection such as safety glasses or chemical goggles. Avoid skin contact. Wear impervious gloves and protective clothing as necessary to prevent skin contact. Avoid breathing vapors released during heat curing. Curing ovens should be properly vented to the outdoors or suitable emission control device. Avoid eye contact with or breathing dust from cutting, grinding or sanding operations on the cured material. Wear safety glasses or goggles and dust mask to avoid dust exposure. Wash contaminated clothing before reuse. Keep container closed when not in use. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	---- EXPOSURE LIMITS ----			
	VALUE	UNIT	TYPE	AUTH
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 eye irritation upon direct contact.

SKIN CONTACT: May cause skin irritation. May cause an allergic skin reaction in certain individuals on repeated exposure.

INHALATION: Prolonged overexposure may cause respiratory system irritation.

INGESTION: May cause digestive system irritation.

NOTE: The above stated effects are not expected under the conditions of intended product use with the small individual unit container.

SECTION CHANGE DATES

HEADING SECTION CHANGED SINCE NOVEMBER 21, 1988 ISSUE

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.