

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

00-31  
340

Duns No.: 00-617-3082

MATERIAL SAFETY  
DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS  
TRADE NAME:  
AUTOMIX (TM) Fast Cure Epoxy (Clear) PART NO. 08107\&Base (1XA)  
3M I.D. NUMBER: 62-3540-1409-4

ISSUED: SEPTEMBER 21, 1989  
SUPERSEDES: JANUARY 31, 1989  
DOCUMENT: 10-4972-5

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
epoxy resin	25068-38-6	95.0 -100.0	NONE	NONE	NONE	NONE

SOURCE OF EXPOSURE LIMIT DATA:  
- NONE: None Established

NOTE: This BASE (Mfg #1XA-3540) used with AUTOMIX Fast Cure Epoxy (Clear) PN 08107 ACCEL. (1XA); (MFG. #1XA-3640 - MSDS DOC #1049733).

2. PHYSICAL DATA

BOILING POINT:..... N/A  
VAPOR PRESSURE:..... N/A  
VAPOR DENSITY: ..... N/A  
EVAPORATION RATE:..... N/A  
SOLUBILITY IN WATER: ..... Not Soluble  
SP. GRAVITY:..... 1.170 Water = 1  
PERCENT VOLATILE: ..... 0.00 %  
VOLATILE ORGANICS: ..... N/A  
pH: ..... N/A  
VISCOSITY: ..... 10000.0-30000.0 CPS  
APPEARANCE AND ODOR: Light straw color, medium syrup, resinous odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A  
FLAMMABLE LIMITS - LEL: ..... N/A  
FLAMMABLE LIMITS - UEL: ..... N/A  
AUTOIGNITION TEMPERATURE: ... N/D  
EXTINGUISHING MEDIA:  
CO2, foam, water, dry chemical  
SPECIAL FIRE FIGHTING PROCEDURES:  
Fire fighters should be equipped with 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

4. REACTIVITY DATA

STABILITY: Stable  
INCOMPATIBILITY - MATERIALS TO AVOID:  
Keep away from solvents, curatives, etc.  
HAZARDOUS POLYMERIZATION: Will Not Occur  
HAZARDOUS DECOMPOSITION PRODUCTS:  
CO, CO2, N decomposition products and smoke particles when subjected to excessive heat 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

01-25  
1125

MATERIAL SAFETY  
DATA SHEET



MSDS: Ultrapro (TM) Autobody Sealant Clear Part No. 08302  
JANUARY 29, 1990

PAGE: 4 of 4

**8. HEALTH HAZARD DATA**

**EYE CONTACT:** Product irritating to eyes upon direct contact.

**SKIN CONTACT:** Prolonged or repeated skin contact may defat skin leading to irritation and dermatitis.

**INHALATION:** Vapor overexposure may cause respiratory system irritation and light-headedness. Repeated or extreme overexposure to toluene vapors may cause nervous system damage. Based on animal studies, chronic overexposure to xylene may cause blood changes and heart, liver, and kidney damage. Symptoms of overexposure may include headache, dizziness, weakness, fatigue, nausea, and on extreme overexposure -- unconsciousness.

**INGESTION:** May cause digestive system irritation, kidney damage, and light-headedness. Symptoms of ingestion may include nausea, vomiting, abdominal pain, incoordination, back pain, convulsions, protein and oxalate crystals in the urine, and in extreme overexposure -- unconsciousness. Solvent aspiration into the lungs may cause lung damage or death.

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.

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

01-25  
 1124

MATERIAL SAFETY  
 DATA SHEET



MSDS: Ultrapro (TM) Autobody Sealant Clear Part No. 08302  
 JANUARY 29, 1990

PAGE: 3 of 4

6. SUGGESTED FIRST AID (continued)

IF SWALLOWED:

Do not induce vomiting. Give two glasses of milk or water to drink.  
 Call a physician.

OTHER FIRST AID:  
 NONE

7. PRECAUTIONARY INFORMATION

FOR INDUSTRIAL OR PROFESSIONAL USE ONLY. Keep away from heat, sparks, flames, and other sources of ignition. The vapors released from the product can be ignited easily. Avoid prolonged breathing of vapors. Use only in areas with sufficient ventilation to maintain vapor concentrations below recommended exposure limits. Provide local exhaust ventilation if necessary. Keep container closed when not in use. Avoid eye and skin contact. Use eye (e.g., safety glasses, chemical goggles) and skin (impervious gloves) protection to prevent contact. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE LIMITS		LIMITS	
	VALUE	UNIT	TYPE	AUTH
toluene	375	mg/m <sup>3</sup>	TWA	ACGIH
toluene	150	ppm	STEL	ACGIH
toluene	560	mg/m <sup>3</sup>	STEL	OSHA
toluene	100	ppm	TWA	OSHA
toluene	375	mg/m <sup>3</sup>	TWA	OSHA
toluene	150	ppm	STEL	OSHA
toluene	560	mg/m <sup>3</sup>	STEL	OSHA
amorphous silica	10	mg/m <sup>3</sup>	TWA	ACGIH
amorphous silica	6	mg/m <sup>3</sup>	TWA	ACGIH
xylene isomers	435	mg/m <sup>3</sup>	TWA	ACGIH
xylene isomers	150	ppm	STEL	ACGIH
xylene isomers	655	mg/m <sup>3</sup>	STEL	OSHA
xylene isomers	100	ppm	TWA	OSHA
xylene isomers	435	mg/m <sup>3</sup>	TWA	OSHA
xylene isomers	150	ppm	STEL	OSHA
xylene isomers	655	mg/m <sup>3</sup>	STEL	OSHA
ethylbenzene	435	mg/m <sup>3</sup>	TWA	ACGIH
ethylbenzene	125	ppm	STEL	ACGIH
ethylbenzene	545	mg/m <sup>3</sup>	STEL	OSHA
ethylbenzene	100	ppm	TWA	OSHA
ethylbenzene	435	mg/m <sup>3</sup>	TWA	OSHA
ethylbenzene	125	ppm	STEL	OSHA
ethylbenzene	545	mg/m <sup>3</sup>	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

01-25  
1123

MATERIAL SAFETY  
DATA SHEET



MSDS: Ultrapro (TM) Autobody Sealant Clear Part No. 08302  
JANUARY 29, 1990

PAGE: 2 of 4

---

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

---

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Flammable. Overheated, closed containers adjacent to fire could explode due to pressure buildup.

NFPA-HAZARD-CODES: HEALTH 2 FIRE 3 REACTIVITY 0

UNUSUAL REACTION HAZARD: None

---

**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:**

Extinguish all ignition sources. Ventilate the area. Observe precautions from other sections. Collect spilled material. Place in a U.S. Department of Transportation - approved metal container, and seal.

**RECOMMENDED DISPOSAL:**

Incinerate bulk product after mixing with flammable material in a licensed hazardous waste facility. Disposal should be in accordance with applicable regulations. U.S. EPA Hazardous Waste Number: D001 (Ignitable).

**ENVIRONMENTAL DATA:**

Volatile Organic Compound (VOC):

Maximum VOC = 351 grams/liter.

Maximum VOC minus Water minus Exempt Solvents = 351 grams/liter.

VOC's were calculated according to Rule 443.1 of the South Coast Air Quality Management District (SCAQMD).

**SARA HAZARD CLASS:**

FIRE HAZARD: Yes 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 with soap and water.

**INHALATION:**

Remove individual to fresh air. Call a physician.

---

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