

## MATERIAL SAFETY DATA SHEET (MSDS)

FIRST ISSUE DATE: January 1999

### Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **70079 Matrix – Hardener - Part B**

MFR'S NAME: Air Logistics Corporation, 925 North Todd Avenue, Azusa CA 91702

EMERGENCY PHONE: 800-424-9300 (CHEMTREC) GENERAL INFORMATION: 626-633-0294

### Section 2: COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENT	%	CAS #	EXPOSURE LIMITS
TETA phenol reaction product	>30	32610-77-8	N.E.
Benzyl alcohol	>20	100-51-6	N.E.
Phenol	<10	108-95-2	N.E.
Proprietary ingredients	<40	trade secret	N.E.

### Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Novolac epoxy hardener solution. Certain individuals may have pre-existing skin or respiratory conditions causing a sensitivity or allergy which manifests as various reactions. Heating or spraying this product or the mixed parts (A&B) increases potential health hazards. Burning will release harmful vapors.

#### POTENTIAL HEALTH EFFECTS:

##### EYE:

- May cause irritation.

##### SKIN:

- May cause irritation.

##### INGESTION:

- May inflame or damage the G.I. tract. Large quantities may be harmful.

##### INHALATION:

- May cause irritation.

##### CHRONIC EFFECTS:

- Repeated unprotected exposure may result in sensitization.

##### SIGNS & SYMPTOMS:

- Skin rash, irritation, reddening, or eczema; breathing difficulty or irritation.

### Section 4: FIRST AID MEASURES

⇒USE APPROPRIATE BLOOD-BORNE PATHOGENS PROTECTIONS⇐

##### EYE:

- Hold eyelids apart and flood with large amounts of water. Get medical attention.

##### SKIN:

- Wipe off excess product. Wash thoroughly with soap and water. If irritation develops seek medical attention.

##### INGESTION:

- Do NOT induce vomiting unless directed to do so by medical personnel. Get medical attention.

##### INHALATION:

- Remove to fresh air. If problems develop or persist, get medical attention.

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## Section 5: FIRE FIGHTING MEASURES

FLASH POINT: >210°F      UEL/LEL: N.D.A.      VAPOR DENSITY: N.D.A.  
NFPA FLAMMABILITY RATING: 1      AUTOIGNITION: N.D.A.  
COMBUSTION PRODUCTS: CO, CO<sub>2</sub>, NO<sub>x</sub>, & misc. hydrocarbons  
SPECIAL HAZARDS: Burning may cause extra health and safety risks. May generate toxic and irritating combustion products. Use DOT Response Guide #153.  
EXTINGUISHING MEDIA: Use foam, CO<sub>2</sub>, dry chemical, water fog.  
FIRE FIGHTER INSTRUCTIONS: Stay upwind. Wear at least full turnout gear and SCBA. Butyl rubber boots and gloves recommended.

## Section 6: ACCIDENTAL RELEASE MEASURES

Isolate spill. Keep out of sewers and drains. Vacuum, scoop or absorb spill. Clean up residue with soap and water.

## Section 7: HANDLING AND STORAGE

Avoid skin and eye contact. Do not breath product mist or heated vapors. Wash thoroughly after handling. Never eat or smoke around product.

Store in original sealed containers in a cool, dry ventilated storage area.

## Section 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

GENERAL: Provide ventilation and protect body from physical contact.  
EYE/FACE: Safety glasses, minimum.  
SKIN: Butyl or nitrile chemical resistant gloves recommended.  
RESPIRATORY: Not required where mists or heated vapors won't occur. If required, use at least NIOSH-approved cartridge respirator with organic vapor/HEPA filter cartridges.  
OTHER: Decontaminate or discard clothing and footwear that have come in contact with raw product.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: dark amber syrup      ODOR: faint amine      PHYSICAL STATE: liquid  
pH: alkaline      VAPOR PRESS: N.D.A.      VAPOR DENSITY: N.D.A.      SPECIFIC GRAVITY: 1.05  
BOILING PT: N.D.A.      MELT PT: N/A      SOLUBILITY IN H<sub>2</sub>O: slightly

## Section 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Material is stable with no known conditions to avoid.  
INCOMPATIBILITY: Strong acids, caustics, oxidizers and epoxy resins in uncontrolled conditions.  
HAZARDOUS POLYMERIZATION: Will not occur.  
HAZARDOUS DECOMPOSITION: None known, other than Sec. 5's Combustion Products.

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### Section 11: TOXICOLOGICAL INFORMATION

Oral: N.D.A.  
Dermal: N.D.A.  
Inhalation: N.D.A.  
Carcinogens under OSHA, ACGIH, NTP, IARC, or Other: None >0.1%

### Section 12: ECOLOGICAL INFORMATION

N.D.A.

### Section 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable laws and regulations.

### Section 14: TRANSPORT INFORMATION

DOT: Not Regulated  
IATA: Not Regulated

### Section 15: REGULATORY INFORMATION

OSHA 1910.1200: listed	DOT 172.101: not listed	CERCLA RQ: not listed
CLEAN AIR 112(b): not listed	TSCA: listed	STORMWATER RUNOFF: not listed
SARA III: Sec 311 & 312 Immediate Health Hazard		
SARA 313: not listed	SARA TPQ: not listed	SARA PRIORITY (PC): not listed
CA PROP. 65: not listed.	RISK MGMT: not listed	RCRA Waste Number: none
VOC %: zero		

### Section 16: OTHER INFORMATION

NFPA:  
HEALTH 2      FIRE 1      REACTIVITY 0      OTHER N/A

ABBREVIATIONS: N/A = not applicable; N.D.A. = no data available; N.E. = not established

END OF MSDS

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