

MATERIAL SAFETY DATA SHEET (MSDS)

FIRST ISSUE DATE: 11 August 2000

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **439 Matrix – Resin - Part A**

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
Epichlorohydrin / Bisphenol A reaction products	>50	25068-38-6	N.E.
Phenol-formaldehyde / Novolac reaction products	<50	028064-14-4	N.E.

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A hybrid epoxy-type solution that might irritate sensitized individuals. Repeated or prolonged exposure might cause some individuals to become sensitized to this product.

POTENTIAL HEALTH EFFECTS:

EYE:

- Minor irritation possible.

SKIN:

- Minor irritation possible. Sensitized persons may have allergic reaction to this product.

INGESTION:

- Oral toxicity (rat) >4000mg/kg LD₅₀ (very low toxicity).

INHALATION:

- Unlikely route of exposure.

CHRONIC EFFECTS:

- Chronically exposed persons could become sensitized, leading to irritation problems.

SIGNS & SYMPTOMS:

- Redness, irritation, itching possible.

Section 4: FIRST AID MEASURES

⇒USE APPROPRIATE BLOOD-BORNE PATHOGENS PROTECTIONS⇐

EYE:

- Flush with eyewash or water. Get medical attention if irritation develops.

SKIN:

- Wash with soap & water. Get medical attention if irritation develops.

INGESTION:

- Get medical attention if ingested.

INHALATION:

- Move victim to fresh air. Get medical attention if irritation develops.

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Section 5: FIRE FIGHTING MEASURES

FLASH POINT: 200°C (392°F) UEL/LEL: n.d.a. VAPOR DENSITY: n.d.a.
NFPA FLAMMABILITY RATING: 1
COMBUSTION PRODUCTS: CO, CO₂, NO_x, & misc. hydrocarbons
SPECIAL HAZARDS: Burning may cause extra health and safety risks.
EXTINGUISHING MEDIA: Use foam, CO₂, dry chemical, water fog.
FIRE FIGHTER INSTRUCTIONS: Stay upwind. Wear at least full bunker gear and SCBA.

Section 6: ACCIDENTAL RELEASE MEASURES

Absorb & pick up. Surfaces can then be washed with steam or hot soapy water.

Section 7: HANDLING AND STORAGE

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: Avoid direct body contact.
EYE/FACE: safety glasses.
SKIN: chemical gloves
RESPIRATORY: generally not required
OTHER: Do not wear contaminated clothing. Saturated leather footwear cannot be decontaminated and must not be worn.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: straw/clear ODOR: mild "epoxy" PHYSICAL STATE: liquid
pH: n.d.a. VAPOR PRESS: <20mm Hg @ 20°C VAPOR DENSITY: N/A
SPECIFIC GRAVITY: 1.18 BOILING PT: 245°C (473°F) MELT PT: N/A SOLUBILITY IN H₂O: slight

Section 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Material is stable with no known conditions to avoid.
INCOMPATIBILITY: strong acids, bases, oxidizers & combining with epoxy hardeners, in large quantities in an uncontrolled manner.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION: None known, other than Sec. 5's Combustion Products.

Section 11: TOXICOLOGICAL INFORMATION

n.d.a.

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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 HCS: not listed	DOT 172.101: not listed	CERCLA RQ: not listed
CLEAN AIR 112(b): not listed	TSCA: listed	STORMWATER RUNOFF: not listed
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 1 FIRE 1 REACTIVITY 0 OTHER none

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

END OF MSDS

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