

**Material Safety Data Sheet**

Required under USOL Safety and Health Regulations for Shipyard Employment (29 CFR 1915)

**U.S. Department of Labor**  
Occupational Safety and Health Administration



PIC POXY " 4 1/2 MINUTE CURE"

OMB No 1218-0074  
Expiration Date 05/31/88

20-835

**PIC** -POXY, 4 1/2 MINUTE

**Section I**

Manufacturer's Name: **PEHN INTERNATIONAL CHEMICALS (PIC)**  
Address (Number, Street, City, State, and ZIP Code): **943 STIERLIN ROAD, MT. VIEW, CALIFORNIA, 94043**  
Emergency Telephone Number: **(408)-730-0961**  
Chemical Name and Synonyms: **N/A**  
Trade Name and Synonyms: **PIC-POXY, 4 1/2 MINUTE CURE ADHESIVE**  
Chemical Family: **EPOXY RESIN & AMINE CURING AGENT**

**Section II - Hazardous Ingredients**

	N.E. = NOT ESTABLISHED	% TLV (Units)
PART "A" RESIN: Mixed diglycidyl ethers of bisphenol A		100 N.E.
PART "B" HARDENER: Mercaptan terminated polymer (Mw 800-1500)		90-98 N.E.
Poly (polyalkylamino alkyl) phenol		2-10 N.E.

**Hazardous Mixtures of Other Liquids, Solids or Gases**

	% TLV (Units)

**Section III - Physical Data**

Boiling Point (°F)	not available	Specific Gravity (H <sub>2</sub> O=1)	PART A= 1.160 PART B=1.109
Vapor Pressure (mm Hg)	both PART A & B = less than .001	Percent Volatile by Volume (%)	each both PART A & B=less than .01
Vapor Density (AIR=1)	not available	Evaporation Rate	water =1) not applicable
Solubility in Water	PART A: INSOLUBLE. PART B: PARTIALLY		

Appearance and Odor  
PART A: Light yellow to clear medium viscosity liquid, mild odor.  
PART B: light yellow to clear, mercaptan odor

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used)	both PART A & B: more than 470°F (TOC)	Flammable Limits	unknown	Let	Uel
Extinguishing Media	water spray, alcohol foam, CO <sub>2</sub> , dry chemical				

**Special Fire Fighting Procedures**

NONE

**Unusual Fire and Explosion Hazards**

NONE

**Section V - Health Hazard Data**

Threshold Limit Value

NOT ESTABLISHED FOR PART A or PART B

Effects of Overexposure **EYE CONTACT:** May cause extreme irritation and/or burns. **SKIN CONTACT:** May cause irritation and/or mild burns. **INHALATION:** Not likely a problem, though the mercaptan odor may cause discomfort. **INGESTION:** No known adverse effects but could cause gastro-intestinal disturbances.

Emergency First Aid Procedures **EYE CONTACT:** Flush immediately with copious amounts of water and seek medical aid. **SKIN CONTACT:** Wash immediately with waterless hand cleaner or epoxy emulsifier. Follow with soap and water. Wash clothing before wearing again. **INHALATION:** Remove to fresh air. **INGESTION:** Seek medical aid if unusual symptoms develop. Induce vomiting only on advice of a physician.

**Section VI - Reactivity Data**

Stability	Unstable	Conditions to Avoid
XX		Excessive heat; moisture contaminants. Cross contamination of resin and hardener and vice versa.
	Stable	

**Incompatibility (Materials to Avoid)**

Strong oxidizing agents or bases.

**Hazardous Decomposition Products**

None

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	Excessively large masses of mixed resin and hardener. No problem under normal usage conditions.
	XX	

**Section VII - Spill or Leak Procedures**

Steps to be Taken in Case Material is Released or Spilled

PART A: Scrape up excess (absorbents may be used). Wash residue with epoxy emulsifier or soap and water and isopropanol. PART B: Scrape up excess (absorbents may be used). Wash residue with epoxy emulsifier or 5% acetic acid solution (vinegar). Follow with soap, water, and isopropanol.

**Waste Disposal Method**

Place in sealed containers then use standard industrial waste disposal.

**Section VIII - Special Protection Information**

Respiratory Protection (Specify Type)

If used in non-ventilated environment - use organic vapor cannister respirator.

Ventilation	Local Exhaust	Indoors, use fan or similar air moving device	Special
		Mechanical (General) Preferred.	Other

**Protective Gloves**

Butyl rubber gloves with cotton lining. Eye Protection: Safety glasses, goggles, or face shield.

**Other Protective Equipment**

Rubber or plastic coveralls or aprons. Disposable mixing cups, table covers recommended.

**Section IX - Special Precautions**

Precautions to be Taken in Handling and Storing

Store in cool, dry area in tightly closed containers. Optimum storage is 65-80°F

**Other Precautions**

Avoid gross contamination of skin and eye contact. Wash contaminated clothing before wearing again. Contaminated shoes must be thoroughly cleaned or discarded.