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MATERIAL SAFETY DATA SHEET (MSDS)

MSDS FOR: RPC 120-277, A & B
DATE: April 15, 2003
Supersedes: January 1, 2003

**24 HOUR CHEMICAL
EMERGENCY RESPONSE NUMBER:
CHEM-TREC
1-800-424-9300
USA and CANADA**

Common Name: RPC 120-277, A & B
Chemical Name: Epoxy Resin and Polymercaptan Curing Agent
Chemical Family: Epoxy; Polymercaptan
CAS Number: Mixture

Section 1: Hazardous Ingredients Components

	%	ACGIH TLV
A: Epoxy Resin with no established TLV	55 - 65	
Titanium Dioxide (dispersed in resin)	2 - 4	10 mg/m ³
B: Polymercaptan with no established TLV	>95	

All ingredients are listed in the TSCA Inventory

Section 2: Physical and Chemical Characteristic:

Boiling Point (°F)	>225	Specific Gravity (Water=1)	1.40
Vapor Pressure (mm/Hg)	Nil	Volatiles (% by volume)	0
Vapor Density (Air=1)	>1	Evaporation Rate (BuAC=1)	>1
Solubility In Water	Negligible		
Appearance & Odor	A: White paste, characteristic odor B: Black paste, mercaptan odor		

Section 3: Fire and Explosion Data

Flash Point (test method) >200°F (PMCC)
Flammable Limits In Air: Water Spray, foam, CO₂, dry chemical

Special Firefighting Precautions/Procedures: Avoid breathing smoke. In confined areas, full fire fighting equipment including a NIOSH self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: NONE

Steps to be Taken if Material is Spilled or Released: Avoid Contact with liquid and vapors. Wipe with a cloth or collect on absorbent material. For large spills, dike and contain. Pump or shovel into salvage containers.

Waste Disposal Method: Cure, then bury or incinerate. Remove salvage containers to a waste disposal site operating in compliance to federal, state and local regulations.

Section 8: Special Protection Information

Respiratory Protection: (Specific Type)

For excessive vapors or to maintain below the TVL limit, NIOSH approved respirator in compliance to 29 CFR 1910.134.

Ventilation: Local Exhaust: Yes
Mechanical: Yes
Other: As required

Protective Gloves: Impervious rubber

Eye Protection: Splash-proof chemical goggles

Other Protective Equipment: For prolonged exposure, impervious clothing and shoes to minimize personal contact. Eye wash station; safety shower.

Section 9: SARA Title III Information

Section 302-304: Extremely Hazardous Substance

<u>Component</u>	<u>CAS#</u>	<u>%</u>	<u>RO (lbs)</u>	<u>TPO (lbs)</u>
None				

CERCLA Section 102(a): Hazardous Substance

<u>Component</u>	<u>CAS#</u>	<u>%</u>	<u>RP (lbs)</u>
None			

Section 311: Hazardous Categorization

<u>Acute</u>	<u>Chronic</u>	<u>Fire</u>	<u>Pressure</u>	<u>Reactive</u>	<u>Non-Applicable</u>
X					

Section 313: Toxic Chemicals

<u>Component</u>	<u>CAS#</u>	<u>%</u>
None		

Section 10: Special Precautions: For industrial use only.

Warning Statements: A: May cause skin irritation; avoid contact with eyes and skin.
B: Avoid contact with eyes, skin and clothing.

Precautions to be taken in Handling and Storage:
Store in a cool, dry area in tightly closed containers. Avoid contact with skin and eyes. Avoid moisture contamination. Use with adequate ventilation. Use good hygiene practices.

Other Precautions:

RCRA Status:	Not considered to be a hazardous waste.
CERCLA:	Not listed.
DOT Class:	A: Not Regulated.
	B: Not Regulated.

Section 10: Miscellaneous:

	<u>HMIS Rating</u>	
	<u>A:</u>	<u>B:</u>
Health:	2	2
Flammability:	1	1
Reactivity:	0	0

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29CFR 1919.1200. The information contained herein is based on data available to us and is believed to be accurate. However, RPC makes no warranty expressed or implied concerning the accuracy of the information contained herein. It is the user's responsibility to determine the safety, toxicity and suitability of the product described herein. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.