



MSDS No: 23  
Rev Date: 2/11/2011  
Rev No: 8

## 1 MATERIAL SAFETY DATA SHEET

**Product Name:** PE1000+ High Strength Epoxy Anchoring System  
**Description:** Epoxy adhesive for anchoring in concrete and rebar dowelling  
**Supplier:** Powers Fasteners, Inc. 2 Powers Lane, Brewster, NY 10509  
**Customer Service:** 800-524-3244  
**Emergency Phone:** (CHEMTREC) Within USA: (800) 424-9300; Outside USA: 01 (703) 527-3887

## 2 INGREDIENTS

<b>Part A:</b> (White Component)	<b>CAS Number</b>
Epoxy Resin Blend	TS
Proprietary blend of multifunctional ethers	TS
Quartz Sand	14808-60-7
<b>Part B:</b> (Red Component)	
Proprietary blend of amine curing agents	TS
Benzyl Alcohol	100-51-6
Phenol	108-95-2
Quartz Sand	14808-60-7

**Abbreviations:** NE= Not established TS= Trade Secret of Supplier

## 3 SAFE USAGE RECOMMENDATIONS

**Ventilation:** Use with adequate ventilation, either natural or mechanical.

**Eye Protection:** Avoid eye contact. Wear safety glasses with side shields.

**Skin Protection:** Avoid skin contact. Wear neoprene or rubber gloves.

**Respiratory Protection:** None usually required. To protect from dust and odors, or where ventilation is inadequate, wear a dust mask or NIOSH-approved respirator with organic vapor cartridges.

**Notice:** For professional use. Keep away from children.

## 4 EMERGENCY AND FIRST AID PROCEDURES

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes and contact a physician.

**Skin:** Wash with soap and water. Launder clothing before reuse. Seek medical attention if any symptoms develop.

**Inhalation:** If uncomfortable, move to fresh air. Contact a physician if symptoms persist.

**Ingestion:** Contact a physician immediately, and rinse mouth with water. Then drink 1-2 glasses of water. Do not induce vomiting unless directed by a physician.

**Other:** Contact a physician if there is any question about the seriousness of the exposure.

## 5 HEALTH HAZARD INFORMATION

**Potential Hazards:** **Part A:** Can be irritating to the eyes and skin. Itching, redness, and swelling can occur with some individuals.  
**Part B:** Can be irritating to eyes and skin. Vapors can be irritating.

## 6

## PHYSICAL CHARACTERISTICS

<b>Appearance and Odor:</b>	<b>Part A:</b> White paste <b>Part B:</b> Red Paste
<b>Boiling Point:</b>	Greater than 212° F.
<b>(Air=1) Vapor Density:</b>	>1
<b>(Water=1) Evaporation Rate:</b>	<1
<b>Specific Gravity:</b>	1.6
<b>VOC Content:</b>	0.0 g/l
<b>Odor:</b>	Sweet, amine-like
<b>Solubility in Water:</b>	Insoluble
<b>pH:</b>	NE

## 7

## FIRE, HAZARD AND REACTIVITY DATA

<b>Flammability:</b>	Non-flammable.	<b>Flash Point:</b>	>250°F
		<b>Boiling Point:</b>	>212°F
<b>Stability:</b>	Stable. Hazardous polymerization will not occur.		
<b>Incompatibility:</b>	Strong acids and oxidizers.		
<b>Unusual fire or Explosion Hazards:</b>	None Known.		
<b>Extinguishing Media:</b>	CO <sub>2</sub> , Dry Chemical, Foam, Water spray.		
<b>Fire Fighting:</b>	Self-contained breathing equipment recommended.		
<b>Thermal Decomposition Products:</b>	May occur, including Co <sub>x</sub> and No <sub>x</sub>		

## 8

## TRANSPORTATION AND REGULATORY INFORMATION

<b>Hazard Communication:</b>	This MSDS has been prepared in accordance with the federal OSHA Hazard Communication Standard 29 CFR 1910. 1200.		
<b>HMIS Codes:</b>	Health: 2; Flammability: 0; Physical Hazard: 1	PPE: B	Flash Point: >250F (121C)
<b>US DOT</b> Proper Shipping Name:	Consumer commodity. ORM-D		
<b>Canadian TDGR</b> Proper Shipping Name:	AMINES, solid, corrosive, n.o.s. (Benzene-1,3-Dimethylamine) UN 3259 Class: 8 PG: III		
<b>IATA/ICAO</b> Proper Shipping Name:	AMINES, solid, corrosive, n.o.s. (Benzene-1,3-Dimethylamine) UN 3259 Class: 8 PG: III		
Packing Instructions:	Limited Quantity: Y845 Passenger and Cargo Aircraft: 860 Cargo Aircraft Only: 864		
<b>IMO/IMDG</b> Proper Shipping Name:	AMINES, solid, corrosive, n.o.s. (Benzene-1,3-Dimethylamine) UN 3259 Class: 8 PG: III EmS: F-A, S-B		
<b>TSCA Inventory Status:</b>	Chemical components listed on TSCA inventory.		
<b>SARA Title III, Section 313:</b>	This product contains a trace amount of phenol which requires reporting under Section 313 of SARA Title III (40 CFR Part 372).		
<b>EPA Waste Code(s):</b>	Phenol is considered a hazardous waste.		

## 9

## STORAGE, CLEAN-UP, AND DISPOSAL

<b>Storage:</b>	Store in a cool, dry place. Keep from freezing and extreme heat, which may shorten shelf life.
<b>Spills:</b>	Collect spilled contents with absorbent material and place in a sealable container for proper disposal.
<b>Waste Disposal:</b>	Dispose of in accordance with federal, state and local regulations.

The information and recommendations provided herein are based on information available to us at the time of preparation. We make no other warranty, expressed or implied, as to its correctness, completeness, or as to the results and reliance of the information.

