



MSDS No: 22  
Rev Date: 3/17/10  
Rev No: 8

## 1 MATERIAL SAFETY DATA SHEET

**Product Name:** AC100 + Gold Anchoring Adhesive  
**Description:** Vinyl ester adhesive for anchoring threaded rods in concrete and reinforcing bar 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>
Vinyl ester resin	27813-02-1
Proprietary acrylic monomers	TS
Quartz Sand	14808-60-7
<b>Part B:</b> (Dark Gray Component)	
Dibenzoyl peroxide	94-36-0
Glycerin	56-81-5
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 when 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 with water for at least 15 minutes and call a physician.

**Skin:** Wash with soap and water. Launder clothes before re-use.  
Call a physician if irritation develops.

**Inhalation:** Move to fresh air. Call a physician if respiratory irritation develops.

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

**Other:** Contact a physician if there is any question about 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.

**Notice:** This product contains chemicals known to the state of California to cause cancer, birth defects, and other reproductive harm.

6

**PHYSICAL CHARACTERISTICS**

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

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: 1, Flammability: 1, Physical Hazard: 1.	PPE: B	Flash Point: >250F (121C)
<b>US DOT Proper Shipping Name:</b>	Consumer Commodity	ORM-D	
<b>CANADIAN TDGR Proper Shipping Name:</b>	ORGANIC PEROXIDE Type E, SOLID (Dibenzoyl Peroxide) UN 3108 Class 5.2		
<b>IATA/ICAO Proper Shipping Name:</b>	ORGANIC PEROXIDE TYPE E, SOLID (Dibenzoyl Peroxide) UN 3108 Class 5.2		
<b>Packing Instructions:</b>	Passenger Aircraft: 510 Cargo Aircraft Only: 513		
<b>IMO/IMDG Proper Shipping Name:</b>	ORGANIC PEROXIDE TYPE E, SOLID (Dibenzoyl Peroxide) UN 3108 Class 5.2 EmS: F-J, S-R		
<b>TSCA Inventory Status:</b>	Chemical components listed on TSCA inventory.		
<b>SARA Title III, Section 313:</b>	This product contains chemicals which require reporting under Section 313 of SARA Title III (40 CFR Part 372).		
<b>EPA Waste Code(s):</b>	Dibenzoyl peroxide is considered a hazardous waste.		
<b>Waste Disposal Method:</b>	Dispose of container and unused contents in accordance with all applicable regulations.		

9

**STORAGE, CLEAN-UP, AND DISPOSAL**

<b>Storage:</b>	Store in a cool, dry place. Avoid freezing and extreme heat, which will shorten shelf life.
<b>Spills:</b>	Collect spilled contents with absorbant material and place in 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 use at the time of preparation. We make no warranty, expressed or implied, as to it's correctness, completeness, or as to the results and reliance of the information.

