MSDS

MSDS No: 22
Rev Date: 5/23/2011
Rev No: 9

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

	CAS Number
Part A: (White Component)	
Vinyl ester resin	27813-02-1
Proprietary acrylic monomers	TS
Quartz Sand	14808-60-7
Part B: (Dark Gray Component)	
Dibenzoyl peroxide	94-36-0
Gylcerin	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 vomitting, 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 irritatiing.
Notice:	This product contains chemicals known to the state of California to cause cancer, birth defects, and other reproductive harm.

6 PHYSICAL CHARACTERISTICS

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

7 FIRE, HAZARD AND REACTIVITY DATA

Flammability:	Non-flammable.	Flash Point:	>250°F
		Boiling Point:	>212°F
Stability:	Stable. Hazardous polymerization will not occur.		
Incompatibility:	Strong acids and oxidizers.		
Unusual fire or Explosion Hazards:	None Known.		
Extinguishing Media:	CO_2, Dry Chemical, Foam, Water spray.		
Fire Fighting:	Self-contained breathing equipment recommended.		
Thermal Decomposition Products:	May occur, including Co_x and No_x		

8 TRANSPORTATION AND REGULATORY INFORMATION

Hazard Communication:	This MSDS has been prepared in accordance with the federal OSHA Hazard Communication Standard 29 CFR 1910. 1200.
HMIS Codes:	Health: 1, Flammability: 1, Physical Hazard: 1. PPE: B
	Flash Point: >250F (121C)
US DOT Proper Shipping Name:	Consumer Commoditiy ORM-D
CANADIAN TDGR Proper Shipping Name:	ORGANIC PEROXIDE Type E, SOLID (Dibenzoyl Peroxide) UN 3108 Class 5.2
IATA/ICAO Proper Shipping Name:	ORGANIC PEROXIDE TYPE E, SOLID (Dibenzoyl Peroxide) UN 3108 Class 5.2
Packing Instructions:	Passenger and Cargo Aircraft: 570 Cargo Aircraft Only: 570
IMO/IMDG Proper Shipping Name:	ORGANIC PEROXIDE TYPE E, SOLID (Dibenzoyl Peroxide) UN 3108 Class 5.2 EmS: F-J, S-R
TSCA Inventory Status:	Chemical components listed on TSCA inventory.
SARA Title III, Section 313:	This product contains chemicals which require reporting under Section 313 of SARA Title III (40 CFR Part 372).
EPA Waste Code(s):	Dibenzoyl peroxide is considered a hazardous waste.
Waste Disposal Method:	Dispose of container and unused contents in accordance with all applicable regulations.

9 STORAGE, CLEAN-UP, AND DISPOSAL

Storage:	Store in a cool, dry place. Avoid freezing and extreme heat, which will shorten shelf life.
Spills:	Collect spilled contents with absorbant material and place in sealable container for proper disposal.
Waste Disposal:	Dispose of in accordace 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.

Powers FASTENERS