

# MATERIAL SAFETY DATA SHEET

DATE: 02/29/08

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## Section 1

PACER TECHNOLOGY  
9420 Santa Anita Avenue  
Rancho Cucamonga, CA 91730

For Chemical Emergency Only:

In the US & Canada: (800) 424-9300  
Int'l & Wash DC (COLLECT): (703) 527-3887  
Telephone for Information: (909) 987-0550

## PRODUCT IDENTIFICATION:

**Pro Weld™ Cold Weld Compound - Part A: Resin**

## HAZARD RATING (NFPA/HMIS)

Health = 2  
Flammability = 1  
Reactivity = 1

## Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Epoxy Resin (25068-38-6)	NE			40-50
Calcium Carbonate (1317-65-3)		TWA=10mg/m <sup>3</sup>		35-45
Iron Powder (65997-19-5)		TLV=15mg/m <sup>3</sup>		15-20
Aluminum Powder dedusted*(7429-90-5)		TLV=5mg/m <sup>3</sup>		1-5
Fumed Silica (112945-52-5)		TWA=1mg/m <sup>3</sup>		1-5

\* This ingredient is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

See notes regarding California Proposition 65 in Section 6.

## Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point: NA Specific Gravity (H<sub>2</sub>O=1): 1.17  
Vapor Density (Air=1): >1 Melting Point: NA  
Vapor Pressure (mm Hg): NA Evaporation Rate (Ethyl Ether=1): Slower than  
Solubility in Water: Insoluble. VOC content: Resin: 0% (0 g/L)  
Appearance: Dark gray to black colored smooth paste.

## Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method): >200 F (SCC) Flammable Limits: LEL: NE UEL: NE

Extinguishing Media: Dry chemicals, foam or carbon dioxide.

Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus. Fight like a fuel oil fire.

Unusual Fire and Explosion Hazards: Closed containers exposed to high temperatures such as fire conditions may rupture.

## Section 5 - REACTIVITY DATA:

Stability: Stable XX Conditions to Avoid: Open flames, sparks and high temperatures.

Incompatibility (Materials to Avoid): Strong acids or alkalis.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

Hazardous Polymerization: May Not Occur XX

## Section 6 - HEALTH HAZARD DATA:

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Health Hazards (Acute and Chronic): May cause minor skin or eye irritation.

**PACER TECHNOLOGY: Pro Weld™ Cold Weld Compound-Part A: Resin**

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

California Proposition 65 Statement: Trace amounts of Epichlorohydrin, a substance which is a human cancer hazard, may be present. The level in this product does not constitute a significant risk.

**First Aid Procedures:** (if symptoms persist, get medical attention)

Eye contact - Immediately flush eye with copious amounts of water for 15 minutes. Call a physician.

Skin contact - Possible irritation upon direct contact. Remove contaminated clothing and wash affected areas with soap and water. Obtain medical attention if irritation occurs.

Inhalation - Remove to fresh air. Perform artificial respiration if breathing has stopped. Call a physician.

Ingestion - Do not induce vomiting. Call a physician. If conscious, give victim a glass of water to dilute stomach contents.

Medical Conditions Generally Aggravated by Exposure: None known.

**Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:**

Steps to Be Taken in Case Material is Released or Spilled: Wash and clean up small spills with water and detergent. Pick up large spills with inert absorbent and place in a container for disposal.

Waste Disposal Method: Disposal of product in accordance with federal, state and local regulations.

Precautions to Be Taken in Handling and Storing: Store at ambient temperatures. Do not flame cut, weld or melt empty containers. Avoid direct contact as much as possible.

Other Precautions: Avoid open flames, sparks, and high temperatures.

**Section 8 - CONTROL MEASURES:**

Respiratory Protection (Specify Type): NIOSH-approved organic vapor respirator in poorly ventilated areas.

Ventilation: Local Exhaust: Good Mechanical (General): As needed.

Protective Clothing or Equipment: Safety glasses/goggles, neoprene gloves and other protective equipment to avoid direct contact.

Work/Hygienic Practices: Launder contaminated clothing before reuse. Wash hands and skin with soap and water after using product.

**Section 9 - OTHER:** Not regulated for shipping purposes.

NA = Not applicable

NE = Not established

The data contained herein is based upon information that Pacer Technology believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

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**PRODUCT IDENTIFICATION:****Pro Weld™ Cold Weld Compound- Part B: Hardener****HAZARD RATING (NFPA/HMIS)**

Health = 2

Flammability = 1

Reactivity = 1

**Section 2 - HAZARDOUS INGREDIENTS INFORMATION:**

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Calcium Carbonate (1317-65-3)		TWA=10mg/m <sup>3</sup>		35-40
Barium Sulfate * (7727-43-7)		TWA=10mg/m <sup>3</sup>		20-30
Polyamide Resin (68410-23-1)		NE		15-25
Magnesium Silicate (14807-96-6)		TWA=2mg/m <sup>3</sup>		2-7
Titanium Dioxide (13463-67-7)		TWA=10mg/m <sup>3</sup>		1-6
Furfuryl Alcohol (98-00-0)		TWA=10ppm		1-5

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**Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:**

Boiling Point: NA	Specific Gravity (H <sub>2</sub> O=1): 1.15
Vapor Density (Air=1): 0.1	Melting Point: NA
Vapor Pressure (mm Hg): NA	Evaporation Rate (Ethyl Ether=1): Slower than
Solubility in Water: Insoluble.	VOC content: Hardener: 4.04% (72g/L)
Appearance: White colored smooth paste.	

**Section 4 - FIRE AND EXPLOSION HAZARD DATA:**

Flash Point (Method): &gt;350 F (SCC) Flammable Limits: LEL: NE UEL: NE

Extinguishing Media: Dry chemicals, foam or carbon dioxide.Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus. Fight like a fuel oil fire.Unusual Fire and Explosion Hazards: Closed containers exposed to high temperatures such as fire conditions may rupture.**Section 5 - REACTIVITY DATA:**Stability: Stable XX Conditions to Avoid: Open flames, sparks and high temperatures.Incompatibility (Materials to Avoid): Strong acids or alkalis.Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.Hazardous Polymerization: May Not Occur XX

**PACER TECHNOLOGY: Pro Weld™ Cold Weld Compound - Part B: Hardener****Section 6 - HEALTH HAZARD DATA:**

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Health Hazards (Acute and Chronic):

Severe eye and skin irritant, may cause blindness.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

**First Aid Procedures:** (if symptoms persist, get medical attention)

Eye contact - Immediately flush eye with copious amounts of water for 15 minutes. Call a physician.

Skin contact - Possible irritation upon direct contact. Remove contaminated clothing and wash affected areas with soap and water. Obtain medical attention if irritation occurs.

Inhalation - Remove to fresh air. Perform artificial respiration if breathing has stopped. Call a physician.

Ingestion - Do not induce vomiting. Call a physician. If conscious, give victim a glass of water to dilute stomach contents.

Medical Conditions Generally Aggravated by Exposure: None known.

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**Section 8 - CONTROL MEASURES:**

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Ventilation: Local Exhaust: Good Mechanical (General): As needed.

Protective Clothing or Equipment: Safety glasses/goggles, neoprene gloves and other protective equipment to avoid direct contact.

Work/Hygienic Practices: Launder contaminated clothing before reuse. Wash hands and skin with soap and water after using product.

**Section 9 - OTHER:** Not regulated for shipping purposes.

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