

MATERIAL SAFETY DATA SHEET

DATE: 02/08/08

Revision #7 Page 1 of 2

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:

HAZARD RATING

90 Second Instant Epoxy - Part A: Resin

1
2 x 0

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Epoxy Resins (Trade Secret)				

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

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point:	>225F	Specific Gravity (H ₂ O=1):	1.1
Vapor Density (Air=1):	>1	Melting Point:	NE
Vapor Pressure (mm Hg):	NE	Evaporation Rate (Butyl Acetate = 1):	<1
Solubility in Water:	Negligible		
Appearance & Odor:	Light yellow to clear colored viscous liquid with moderate odor.		

Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method Used): >200 F (PMCC) Flammable Limits: LEL: NA UEL: NA

Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Do not enter confined fire space without full bunker gear (helmet/face shield, bunker coat, gloves & rubber boots). Use positive pressure NIOSH-approved self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: Do not breathe fumes. Unidentified fumes & vapors may be toxic.

Section 5 - REACTIVITY DATA:

Stability: Unstable ___ Stable XX Conditions to Avoid: Keep away from open flames & high temperatures.

Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids and bases.

Hazardous Decomposition Products: Thermal decomposition or burning may release oxides of carbon and other toxic gases or vapors.

Hazardous Polymerization: May Occur ___ May Not Occur XX

Section 6 - HEALTH HAZARD DATA:

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

Health Hazards (Acute and Chronic):

Product moderately irritating to eyes, skin; contact with product at elevated temperatures can result in thermal burns; may cause skin sensitization; moderately toxic by ingestion – may be harmful; unlikely to be inhalation hazard due to low volatility.

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

Signs and Symptoms of Exposure & First Aid Procedures:

Eye contact - irritation: flush eyes with copious amounts of water for 15 min. while holding eyes open. Get medical attention immediately.

Skin contact - irritation/rash: remove contaminated clothing and wash with soap/water. Get medical attention if symptoms persist (contaminated leather articles i.e. shoes should be disposed of as contaminated waste). NOTE: hot product burns require immediate medical attention. Wash contaminated clothing before reuse.

Inhalation - Remove to fresh air and provide oxygen if breathing is difficult. Get medical attention.

Ingestion - Do not induce vomiting. Give large doses of water & get medical attention.

Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to Be Taken in Case Material is Released or Spilled: Void contact with liquid and vapors. Use cautious judgment when cleaning up large spills. Prevent contamination of soil, drains and surface waters. Respirator and protective equipment as appropriate. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

Waste Disposal Method: Dispose of according to federal, state and local regulations.

Precautions to Be Taken in Handling and Storing: Store in cool, dry place away from open flames and high temperatures.

Other Precautions: Empty containers may contain product residues and should be disposed of properly.

Section 8 - CONTROL MEASURES:

Respiratory Protection (Specify Type): Organic vapor respirator in areas with poor ventilation.

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

Protective Clothing or Equipment: Safety glasses/goggles with side shields; prolonged exposure requires chemically resistant gloves and other protective equipment to avoid direct contact.

Work/Hygienic Practices: Avoid contact with eyes or skin. May cause allergic skin reaction. Use in well ventilated area. Wash hands with soap and water after product use. Launder contaminated clothing before reuse and disposed of leather articles as contaminated waste.

Section 9 – TRANSPORT INFORMATION:

Proper shipping name: not regulated

UN/Air/Sea/Rail: unrestricted

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.

MATERIAL SAFETY DATA SHEET

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Section 1

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9420 Santa Anita Avenue
Rancho Cucamonga, CA 91730

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In the US & Canada (800) 424-9300
Int'l & Wash DC (COLLECT) (202) 483-7616
Telephone for Information: (909) 987-0550

PRODUCT IDENTIFICATION:

90 Second Instant Epoxy - Part B: Hardener

HAZARD RATING

1
2 x 0

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Proprietary Modified Polymercaptan	NE	NE		85-95%
Proprietary Amine	NE	NE		5-15%

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point:	>225F	Specific Gravity (H ₂ O=1):	1.1
Vapor Density:	>1	Melting Point:	NE
Vapor Pressure:	Nil	Evaporation Rate (Butyl acetate = 1):	<1
Solubility in Water:	Negligible		
Appearance & Odor:	Amber colored transparent liquid with mild sulfur odor.		

Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method Used): >200 F (PMCC) Flammable Limits: LEL: NA UEL: NA

Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Do not enter confined fire space without full bunker gear (helmet/face shield, bunker coat, gloves & rubber boots). Use positive pressure NIOSH-approved self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire & Explosion Hazards: Do not breathe fumes. Unidentified fumes & vapors may be toxic.

Section 5 - REACTIVITY DATA:

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Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids and bases.

Hazardous Decomposition Products: Thermal decomposition or burning may release oxides of carbon and other toxic gases or vapors.

Hazardous Polymerization: May Occur ___ May Not Occur XX

Section 6 - HEALTH HAZARD DATA:

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

Health Hazards (Acute and Chronic):

Vapors are extremely irritating to skin and eyes, irritating to respiratory tract. Moderately toxic by ingestion possibly causing burns of mouth and throat. Repeated or prolonged skin exposure may be harmful. Skin contact may cause chemical burns and/or develop skin sensitization. Moderately irritating with eye contact – permanent damage possible on prolonged exposure.

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

Signs and Symptoms of Exposure & First Aid Procedures:

Eye contact - irritation: flush eyes with copious amounts of water for 15 min. while holding eyes open. Get medical attention immediately.

Skin contact - irritation/rash: remove contaminated clothing and wash with soap/water. Get medical attention if symptoms persist (contaminated leather articles i.e. shoes should be disposed of as contaminated waste). NOTE: hot product burns require immediate medical attention. Wash contaminated clothing before reuse.

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Waste Disposal Method: Dispose of according to federal, state and local regulations.

Precautions to Be Taken in Handling and Storing: Use in a well-ventilated area. Store in cool, dry place away from open flames and high temperatures.

Other Precautions: Empty containers may contain product residues and should be disposed of properly.

Section 8 - CONTROL MEASURES:

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

Protective Clothing or Equipment: Safety glasses/goggles with side shields; prolonged exposure requires chemically resistant gloves and other protective equipment to avoid direct contact.

Work/Hygienic Practices: Avoid contact with eyes or skin. May cause allergic skin reaction. Use in well ventilated area. Wash hands with soap and water after product use. Launder contaminated clothing before reuse and disposed of leather articles as contaminated waste.

Section 9 – TRANSPORT INFORMATION:

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