

MATERIAL SAFETY DATA SHEET

DATE: 03/03/08

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Section 1

PACER TECHNOLOGY
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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: Rail Zip (PT23)

HAZARD RATING

Health = 1

Flammability = 1

Reactivity = 0

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Components are proprietary information. See Section 9 for regulatory information.	NE	NE		

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point: >212 F
Vapor Density (Air=1): >10.0
Vapor Pressure (mm Hg): NA
Solubility in Water: Forms emulsion.
Appearance & Odor: Red liquid with mild detergent odor.

Specific Gravity (H₂O=1): 0.924
Melting Point: NA
Evaporation Rate (Ether = 1): <1

Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method): 335 F (TCC) Flammable Limits: LEL: NE UEL: NE
Extinguishing Media: Carbon dioxide. Dry chemical. Foam.
Special Fire Fighting Procedures: Firefighters should always wear protective equipment and respiratory protection when fighting chemical fires. Water or foam may cause frothing which can be violent, especially if sprayed into containers of hot, burning liquid. Use water to cool fire exposed containers.
Unusual Fire and Explosion Hazards: Never use welding or cutting torch on or near product containers, even empty containers. Product or residue can ignite explosively when exposed to fire.

Section 5 - REACTIVITY DATA:

Stability: Unstable __ Stable XX Conditions to Avoid: None known.
Incompatibility (Materials to Avoid): Strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, various hydrocarbons, etc.
Hazardous Polymerization: May Occur __ May Not Occur XX

Section 6 - HEALTH HAZARD DATA:

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: No
Health Hazards (Acute and Chronic): Mist can cause irritation of mucous membranes. Direct eye contact or skin contact may cause minor irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

First Aid Procedures:

Inhalation – Remove to fresh air. Consult a physician.

Eye contact - Immediately flush eye with copious amounts of water for 15 minutes. Seek medical attention if pain, blinking, tears or redness persist.

Skin contact - Wash affected areas with soap and water.

Ingestion – Do not induce vomiting. Keep person warm, quiet and get medical attention.

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: Absorb liquid on vermiculite, floor absorbent or other absorbent material. Dike around large spill to prevent spreading and pump into suitable container. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

Waste Disposal Method: Waste materials should be disposed of according to federal, state and local regulations.

Precautions to Be Taken in Handling and Storing: Practice good personal hygiene. Wash hands with soap and water after using product. Avoid contact with eyes, skin and clothing. Never use welding or cutting torch on or near empty product containers.

Other Precautions: None known.

Section 8 - CONTROL MEASURES:

Respiratory Protection (Specify Type): None needed.

Ventilation: Local Exhaust: General room ventilation. Mechanical (General): Not necessary.

Protective Clothing or Equipment: Safety glasses/goggles to avoid contact with eyes; gloves (nitrile rubber or polyethylene); keep skin and feet covered.

Work/Hygienic Practices: Wash hands with soap and water after using product.

Section 9 – OTHER INFORMATION: DOT = not regulated.

California Prop 65 = not applicable.

TSCA = all components listed on inventory.

SARA Title III, Section 313 – Hazard Categories = not applicable

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.