

MATERIAL SAFETY DATA SHEET

DATE: 02/18/05

Rev. 3 Page 1 of 2

Section 1

PACER TECHNOLOGY
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For Chemical Emergency Only:
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PRODUCT IDENTIFICATION:**HAZARD RATING****HINGE GLUE**

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1 x 0

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
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Vinyl acetate polymer emulsions in water, non-hazardous.

Less than 0.1% formaldehyde with no photochemical reactive solvents or reactive solvents content.

* 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.

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point:	100 C	Specific Gravity (H ₂ O=1):	1.1
Vapor Density (Air=1):	water	Melting Point:	NA
Vapor Pressure (mm Hg):	water	Evaporation Rate (Butyl acetate = 1):	NE
Solubility in Water:	Water miscible.		
Appearance & Odor:	Yellow opaque liquid with sweet pleasant odor.		

Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method): None Flammable Limits: LEL: NA UEL: NA

Extinguishing Media: Water or carbon dioxide for dry polymer.

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus. When dried polymer burns carbon dioxide/monoxide & water forms with some smoke that during pyrolysis may include acetic acid, acrolein & acetaldehyde.

Unusual Fire and Explosion Hazards: None known.

Section 5 - REACTIVITY DATA:

Stability: Unstable ___ Stable XX Conditions to Avoid: Water sensitive material, e.g. sulfuric acid.

Hazardous Decomposition Products: None established.

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):

Acute - No data, inhalation of drum container's headspace fumes may cause irritations due to small amounts of vinyl acetate & formaldehyde. Ingestion of small amounts produced no adverse effects.

Chronic - None known.

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

Signs and Symptoms of Exposure & First Aid Procedures:

Eye contact - Immediately flush eye with copious amounts of water for 15 minutes. Get medical attention if irritation persists.

Skin contact - May cause irritation upon direct contact. Remove contaminated clothing and wash affected areas with soap and water.

Inhalation - Remove to fresh air. Perform artificial respiration if breathing has stopped & get medical attention.

Ingestion - Small ingested amounts may have no effect; with large amounts seek medical advice (contains vinyl acetate polymer emulsion).

Medical Conditions Generally Aggravated by Exposure: Upper respiratory tract disorders may be affected.

Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to Be Taken in Case Material is Released or Spilled: Soak up with inert absorbent. Place into container for disposal. Maintain adequate ventilation.

Waste Disposal Method: Small spills less than 100 gallons after consulting with local sewer authorities may be diluted 50% with water for discharging. Place larger quantities in settling ponds for treating with ferric chloride & lime until forming clear water for decanting & may be discharged upon approval by local sewer authorities with solids that may be used for non-hazardous landfill.

Precautions to Be Taken in Handling and Storing: Store in cool place and avoid freezing product. Keep tightly closed when not in use. Wash hands with soap & water after use.

Section 8 - CONTROL MEASURES:

Respiratory Protection (Specify Type): A NIOSH approved vapor canister may be used to eliminate eye irritation.

Ventilation: Local Exhaust: To eliminate eye irritation.

Mechanical (General): As needed.

Protective Clothing or Equipment: Safety glasses/goggles with side shields, rubber gloves and apron to protect skin and clothing.

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

NA = Not applicable

NE = Not established

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