MATERIAL SAFETY DATA SHEET

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For Chemical Emergency Only:

Section 1 PACER TECHNOLOGY In the US & Canada

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PRODUCT IDENTIFICATION:

HAZARD RATING

Formula 560 Canopy Glue

0 1 x 0

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components OSHA ACGIH OTHER % PEL TLV (Common Names, CAS Number) LIMITS **OPTION**

Vinyl acetate polymer emulsions in water, non-hazardous.

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

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point: 100 C Specific Gravity (H2O=1): 1.1 Vapor Density (Air=1): Meltina Point: NA water Vapor Pressure (mm Hg): water Evaporation Rate (Butyl acetate = 1): NE

Solubility in Water: Water miscible.

Appearance & Odor: White 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.

^{*} 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.

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

Signs and Symptoms of Exposure & First Aid Procedures:

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

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

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

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

<u>Medical Conditions Generally Aggravated by Exposure</u>: Upper respiratory tract disorders may be affected.

Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

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

<u>Waste Disposal Method</u>: 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.

<u>Precautions to Be Taken in Handling and Storing</u>: 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.

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

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

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.