

## MATERIAL SAFETY DATA SHEET #1

**Product(s) Covered by this MSDS:**

**AC-100™**

**Date Issued:** April, 1999(Replaces February, 1992)

**DOT Classification:** Non-Hazardous

**HMIS Ratings:** Health: 1 Fire: 0

Reactivity: 0 Personal Protection: A

**Component Information and Hazards:**

Ingredients	CAS#, List	OSHA-PEL mg/m <sup>3</sup>	ACGIH-TLV mg/m <sup>3</sup>	% by Weight
Water	7732-18-5	NE	NE	72%
Acrylic Latex Polymer/Binder	Not Applicable	NE	NE	28%

**Physical/Chemical Characteristics:**

Very thin, watery, milky white liquid. Slight ammonia odor.

**Specific Gravity:** 1.0 – 1.1.

**Fire Hazard Data:**

**Flash Point:** Not applicable.

**Extinguishing Media:** Use extinguishing material suitable for surrounding fire. Closed plastic containers may build up pressure, rupture, or melt due to extreme heat exposure.

**Fire Fighters:** Wear positive pressure, self-contained breathing apparatus (SCBA) in enclosed area.

**Reactivity Data:**

**Stability:** Stable

**Thermal Decomposition Products:** CO, CO<sub>2</sub>, CN, NO<sub>x</sub>.

**Hazardous Polymerization:** Will not occur. Not compatible with strong oxidizing agents or strong acids.

**Health Hazard Data:**

**Routes of Entry:** No known specific skin, inhalation or ingestion hazard.

**Carcinogens:** None listed.

**Health Hazards:** Irritating and abrasive if splashed into the eye because of sand content; may be a skin irritant to sensitive individuals. No acute or chronic hazards are known for the material as packaged at point of manufacture.

**Symptoms of Overexposure:** None established. Non-specific irritation is possible in sensitive individuals. No known medical conditions aggravated by exposure.

**Emergency and First Aid Procedures:** Treat for symptoms. If irritation of the eyes, nose, or throat occurs, move to fresh air. If material gets in eyes, wash eyes immediately with large amounts of water lifting eye lids occasionally. Get medical attention.

**Mixing Caution:** See the Material Safety Data Sheet for Portland Cement and observe all precautions listed on bag(s) of Portland Cement before mixing with these products. When dry, powdered, Portland Cement is added to this wet product, a caustic, corrosive mixture is formed. This new wet (unhardened) mixture can cause chemical burns to skin and eyes on contact. **Note:** In case of contact, wash affected skin thoroughly with water, and remove any affected wet clothing to avoid skin burns. In case of eye contact, flush eyes with running water for 15 minutes and get medical attention immediately. Permanent injury can occur if washing is delayed.

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**Control and Protective Measures:**

Precautions for Handling: Wear chemical splash goggles and waterproof gloves while making and using the new wet mixture.

Protective Gloves: Waterproof gloves when Portland Cement is added.

Eye Protection: Safety or chemical splash goggles; ANSI Z87.1 or Equivalent

Other Equipment: Long sleeves, apron as needed.

Ventilation: None required when used exterior. Provide adequate air movement and mechanical ventilation if used in an enclosed area.

Respiratory Protection: Not required for wet mixture used exterior or in well-ventilated areas. Approved mechanical filter respirator should be used to remove solid airborne particles during spray, sawing, and sanding operations.

Work Practices: Observe rules for good personal hygiene and work practices. Wash hands before smoking, eating, or using toilet facilities.

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**Precautions for Safe Handling & Use/Leak Procedures:**

Spills: Shovel and recover; allow material to solidify, then dispose of as ordinary trash. Do not flush to sewer or streams; material can clog drains and make streams turbid.

Waste Disposal: Non-regulated material.

Storage: Keep from freezing.

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**EPA Supplier Notification/Environmental:**

- ◆ This trade name product contains no chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Re-authorization Act of 1986 (SARA) and 40 CFR Part 372.
- ◆ This product contains no ingredients on the list of Extremely Hazardous Substances for SARA Emergency Planning.
- ◆ Tier I / Tier II Hazard Category (40 CFR 370): Immediate Health Hazard.

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This Material Safety Data Sheet (MSDS) has been developed for current compliance with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

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