

MATERIAL SAFETY DATA SHEET

BARNSCO, INC

Dallas, TX 75354-1087

Phone 214-352-9091

Manufactured by ChemSystems, Inc.

10110 Genard Rd.

Houston, TX 77041

Phone 713-329-9066

I. Product Identification

Product name Barnsco-Weld Concrete Bonder
Product description Mixture of acrylic and vinyl acetate polymers, water,
surfactant and preservative
DOT Class Not regulated

II. Hazardous Ingredients

<u>Ingredient</u>	<u>Typical Amount</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>CAS Number</u>
Residual vinyl acetate monomer	<0.3%	10 ppm	10 ppm	108-05-4

Unlisted ingredients are not "hazardous" per the OSHA standard and/or are present at less than the allowable levels.

III. Hazard Identification

No specific warnings for normal use.
Possible cancer hazard. Vinyl acetate monomer may cause cancer.

IV. Physical Properties

Appearance Liquid
Color Milky white
Odor Mild, sweet
pH Circa 6
Melting point Not established
Boiling point >212 F
Density Approximately 1.1gm/cc
Solubility in water Totally miscible
% Volatile (by weight) Approximately 40%

V. Fire and Explosion Data

Flash point (OC) Non combustible
Extinguishing media Non-flammable in liquid state; use water spray,
foam, dry chemical or carbon dioxide for dried product.
Special fire fighting procedures Wear self contained breathing apparatus and full
protective gear.
Other Incomplete combustion may yield low molecular
weight hydrocarbons. Pressure will build up in
closed containers if heated.

VI. Reactivity Data

Stability Stable at normal temperatures and pressures
Hazardous decomposition Thermal decomposition may yield acrylic monomers.
Hazardous polymerization Product will not polymerize.

VII. Human Health Data

Primary routes of entry Eye & skin contact & inhalation

Effects of over exposure

Acute - None known other than irritation of the eyes throat and nasal passages due to exposure to concentrations above Permissible levels.

Chronic -No anticipated chronic effects. Overexposure to vinyl acetate monomers is not expected to occur during normal handling and use.

Medical conditions aggravated by exposure - None known

Carcinogenicity Vinyl acetate monomer is listed as a potential carcinogen by IARC.

VII. Emergency and First Aid Procedures

Eye Contact - Flush with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

Skin contact - Wash with soap and water. Consult physician if irritation persists. Launder contaminated clothing before reuse.

Inhalation - Move subject to fresh air. If not breathing, give artificial respiration. If breathing is difficult, call a physician.

Ingestion - Give 2 glasses of water to drink. Do not induce vomiting. Consult a physician.

IX. Spill Procedures

Spills -Use caution, floor may be slippery. Contain spills immediately with inert materials. Transfer liquid and diking materials to a separate container for recovery or disposal.

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Waste Disposal -Solidify and dispose in an approved landfill, in accordance with federal, state and local regulations.

X. Safe Handling Data

Respiratory protection

If airborne concentrations are :

- <250ppm None required
- >250<1000ppm Wear MSHA/NIOSH approved, full-face piece, air-purifying respirator.
- >1000ppm Wear MSHA/NIOSH approved, self-contained breathing apparatus in the pressure demand mode.

Eye protection Use chemical, splash goggles.

Skin protection Wear neoprene gloves and long sleeved.

Ventilation Local exhaust sufficient to keep airborne concentrations < 250 ppm

Other Have eye washes available where eye contact might occur. Wash thoroughly after handling and keep away from food and beverages.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best of our knowledge. Barnsco, Inc. assumes no legal responsibility for use or reliance upon these data.

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