



## HBS Concrete Bonder Type II

### **Section 1** Product Description

Product Name: HBS Concrete Bonder Type II  
Recommended Use: Latex Concrete Admixture  
Supplier: ChemSystems, Inc. 10101 Genard Road Houston, TX 77041  
P: 800.545.9827 • F: 713.329.9065 [www.chemsystemsinc.net](http://www.chemsystemsinc.net)  
Emergency Phone: CHEMTRAC 1-800-424-9300

### **Section 2** Hazard Identification

Category 2A Eye Irritation

Category 2 Skin Irritation



#### **Signal Word:**

Warning

#### **Hazard Statements:**

H313 May be harmful in contact with skin  
H319 Causes eye and skin irritation  
H333 May be harmful if inhaled

#### **Precautionary statements:**

##### **Prevention:**

P233 Keep container tightly closed  
P220 Keep/Store away from clothing  
P261 Avoid breathing mist  
P270 Do not eat, drink, or smoke while using this product  
P271 Use only outdoors or in a well-ventilated environment  
P273 Avoid release to the environment  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P264 Wash skin thoroughly after handling

##### **Response:**

P301+P312+P331 IF SWALLOWED: Do NOT induce vomiting. Immediately call a poison center or doctor/physician if you feel unwell.  
P303+P361+P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.  
P305+p351+p338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313 If skin irritation or rash occurs, get medical advice/attention

##### **Storage:**

P403+P233+P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.

##### **Disposal:**

P501 Dispose of contents/container in accordance with local/federal regulations.

# Safety Data Sheet

## Section 3                      Composition/ Information on Ingredients

	<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV-TWA)</u>	<u>Conc.(wt. %)</u>
Residual vinyl acetate monomer	108-05-4	10 ppm	10 ppm	<0.5%

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

## Section 4                      First Aid Measures

### Emergency First Aid Procedures

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

**Eyes:** Flush with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

**Inhalation:** Remove subject to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician

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

## Section 5                      Firefighting Procedures

**Suitable Extinguishing Media:** Non-flammable in liquid state; use water spray, foam, dry chemical or carbon dioxide for dried product.

**Unsuitable Extinguishing Media:** N/A

**Flash Point (TCC):** Non-combustible

**Flammable Limits (% volume in air for solvents):** LEL=N/A UEL= N/A

**Special Fire Fighting Procedures:** Wear self contained breathing apparatus and full protective gear.

## Section 6                      Spill or Leak Procedures

**Steps to Take if Material is Released or Spilled:** 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.

## Section 7                      Handling and Storage

**Normal Handling:** Always use good industrial hygiene practices and safety guidelines.

**Storage:** Store material in its original container. Keep containers tightly closed when not in use. Keep material away from open flame, sparks, or other sources of heat and ignition.

**Waste Disposal Method:** Follow all Federal, State and Local regulations when storing and disposing of substance. Solidify and dispose in an approved landfill, in accordance with federal, state and local regulations.

**Special Precautions:** Keep spills and cleaning run off out of municipal sewers and open bodies of water.

## Section 8                      Protection Information

**Respiratory Protection:** If airborne concentrations are:

<250 ppm..... non required

>250 ppm <1000 ppm...Wear MSHA/NIOSH approved, self-contained breathing apparatus in the pressure demand mode.

>1000 ppm.....Wear MSHA/NIOSH approved, self-contained breathing apparatus in the pressure demand mode.

**Ventilation:** N/A

**Protective Gloves:** Wear neoprene gloves

**Eye Protection:** Use chemical splash goggles.

**Other Protective Clothing or Equipment:** Wera long sleeves

**Work/Hygienic Practices:** Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

## Section 9                      Physical Data

**Appearance:** liquid, Milky White

**Odor:** Mild Sweet

**Odor Threshold:** No data available

**pH:** Circa 6

**Freezing/Melting Point:** N/A

**Boiling Point:** 212° F

**Flash Point:** N/A

**Evaporation Rate:** N/A

**Flammability (solid, gas):** Non-combustible

**Lower/Upper Flammability:** N/A

**Vapor Pressure:** N/A

**Vapor Density:** N/A

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**Density:** 1.1 gm/cc  
**Solubility in water:** Totally Miscible  
**Partition Coefficient:** No data available  
**Auto-ignition Temperature:** N/A  
**Decomposition temperature:** No data available  
**Viscosity:** N/A

## **Section 10**                      **Reactivity Data**

**Reactivity:** Stable at normal temperatures and pressures  
**Conditions to avoid:** N/A  
**Incompatibility (Materials to Avoid):** Strong oxidizers, acids, alkalies, nitrates.  
**Hazardous Decomposition (Byproducts):** Thermal decomposition may yield low molecular weight hydrocarbons  
**Hazardous Polymerization:** Will not occur.

## **Section 11**                      **Toxicity Data**

**Routes of Exposure:** Inhalation, Eyes, and Skin.  
**Acute Toxicity Lethal Doses (ATE):** N/A  
**Health Hazards:**

**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. Over exposure to vinyl acetate monomers is not expected to occur during normal handling and use.

**Carcinogen:** Vinyl acetate monomer is listed as a potential carcinogen by IARC.

**Aggravation of Pre-existing Conditions:** N/A

## **Section 12**                      **Ecological Data**

**Acute Toxicity to Fish:** No data available  
**Acute Toxicity to Aquatic Invertebrates:** No data available  
**Toxicity to Aquatic Plants:** No data available  
**Toxicity to Microorganisms:** No data available  
**Chronic Toxicity to Fish:** No data available  
**Chronic Toxicity to Aquatic Invertebrates:** No data available  
**Persistence and Degradability:** No data available  
**Bioaccumulation Potential:** No data available  
**Mobility in the Soil:** No data available  
**Other Adverse Effects:** No data available.

## **Section 13**                      **Disposal Information**

**Waste Disposal Method:** Dispose of material in accordance with all Federal, State, and Local regulations.

## **Section 14**                      **Transport Information**

**For all modes:**  
**Proper Shipping Name:** N/A  
**Hazard Class:** N/A  
**UN:** N/A  
**Packing Group:** N/A  
**Marine Pollutant:** None

## **Section 15**                      **Regulatory Information**

**SARA 311/312:** N/A  
**OSHA:** N/A  
**TSCA:** N/A  
**California Proposition 65:** N/A

## **Section 16**                      **Additional Information**

**The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.**

**DISCLAIMER:** Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.