



# HBS Penetrating Sealer

## Section 1 Product Description

Product Name: HBS Penetrating Sealer  
 Recommended Use: Concrete sealer  
 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 5 Acute Oral Toxicity

#### Signal Word:

Warning

#### Hazard Statement:

H303 May be harmful if swallowed

#### Precautionary Statement:

##### Prevention:

P261 Avoid breathing mist  
 P280 Wear eye protection  
 P270 Do not eat, drink, or smoke while using this product

##### Response:

P301+P314 IF SWALLOWED: Get medical advice if you feel unwell.  
 P302+P353 IF ON SKIN: Rinse skin with water.  
 P304+P340+P342+P313 IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical advice.  
 P305+ P351+P338+P314 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Get medical advice if you feel unwell.

## Section 3 Composition/ Information on Ingredients

|                                | <u>CAS #</u> | <u>OSHA PEL(TWA)</u> | <u>ACGIH(TLV-TWA)</u> | <u>Conc. (wt%)</u> |
|--------------------------------|--------------|----------------------|-----------------------|--------------------|
| Acrylic polymers               | Proprietary  | Not established      | Not established       | 5.0 – 12.0         |
| 2,2,4-Trimehyl-1,3-pentanediol | 25265-77-4   | Not established      | Not established       | <1                 |
| Monoisobutyrate                |              |                      |                       |                    |
| Polyethylene                   | 9002-88-4    | 5 ppm (resp. dust)   | Not established       | <1                 |
| Water                          | 7732-18-5    | N/A                  | N/A                   | 90.0 – 95.0        |

## Section 4 First Aid Measures

### Emergency First Aid Procedures

**Skin:** Immediately flush with water for 15 minutes. If irritation develops, get medical attention.

**Eyes:** Flush with a gentle but large stream of clean water for 15 minutes, lifting the lower and upper eyelids occasionally. If irritation develops, get medical attention.

**Inhalation:** Move to fresh air and provide oxygen if breathing is difficult. Seek medical attention if irritation persists.

**Ingestion:** Immediately drink 1-2 glasses of water. If irritation develops, get medical attention. Do not administer anything by mouth to an unconscious person.

## Section 5 Firefighting Procedures

**Extinguishing Media:** Dry chemical, CO<sub>2</sub>, foam, water fog

**Flash Point (TCC):** N/A

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

**Special Fire Fighting Procedures:** Firefighters wear NIOSH approved self-contained breathing apparatus. Cool containers exposed to fire with water.

# Safety Data Sheet

## **Section 6**                    **Spill or Leak Procedures**

**Steps to Take if Material is Released or Spilled:** No health effects expected from the clean-up of the material if contact can be avoided. Follow the protection information found in Section 8 of this SDS. Absorb spillage in suitable inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.

## **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.

**Waste Disposal Method:** Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with federal, state, and local guidelines.

**Special Precautions:** Avoid freezing. Store in a cool, dry place with adequate ventilation.

## **Section 8**                    **Protection Information**

**Respiratory Protection:** Use NIOSH-approved organic vapor respirator when exposure levels cannot be maintained below limits or the chance of mist inhalation is present.

**Ventilation:** Provide adequate mechanical ventilation to keep exposure levels below TLV's.

**Protective Gloves:** Wear impervious chemical gloves.

**Eye Protection:** Wear chemical safety glasses.

**Other Protective Clothing or Equipment:** As needed to prevent repeated/prolonged contact.

**Work/Hygienic Practices:** Use only in adequately-ventilated area unless recommended respiratory protection is used. 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:** Cloudy

**Odor:** Sweet, faint ammonia odor

**Odor Threshold:** No data available

**pH:** 8.5-9.5

**Freezing Point:** 32° F / 0° C

**Boiling Point:** 212° F / 100° C

**Flash Point:** N/A

**Evaporation Rate:** Equal to Water

**Flammability (solid, gas):** Non-flammable liquid

**Upper/lower Flammability:** Not determined

**Vapor Pressure:** 2.3 kPa (@ 20°C)

**Vapor Density:** 0.62 (air=1)

**Relative Density:** 1.05 g/cc

**Solubility:** Miscible with water

**Partition Coefficient:** Not determined

**Auto-ignition Temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

**VOC:** < 50 g/l

**Volatile (by wt):** 93%

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

**Reactivity:** Stable.

**Conditions to avoid:** Strong oxidizers.

**Hazardous decomposition products:** Produces Carbon Monoxide and normal by products of combustion.

**Hazardous Polymerization:** Will not occur.

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

**Carcinogen:** No.

**Routes of Exposure:** Inhalation, ingestion, eyes, and skin.

**Acute Toxicity Lethal Doses (ATE):**

LD50 (oral) No data available

LC50 (inhl) No data available

LD50 (skin) No data available

# Safety Data Sheet

## Health Hazards:

**Acute:** May cause moderate skin irritation. Inhalation of vapor/mist may irritate nose and throat. Ingestion of large quantities may cause drowsiness, dizziness, confusion, or loss of coordination. Direct eye contact may cause moderate irritation.

**Chronic:** Prolonged and repeated exposures can cause serious skin irritation. Repeated ingestion or swallowing large amounts may cause internal injury.

**Skin Contact:** Prolonged or repeated contact may cause mild irritation.

**Eye Contact:** Direct contact may cause mild eye irritation.

**Inhalation:** May cause mild irritation.

**Ingestion:** May cause nausea, abdominal discomfort.

**Carcinogen:** No.

**Aggravation of Pre-existing Conditions:** Persons with pre-existing skin, eye, or lung disorders may be more susceptible to the effects of the substance.

## 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:** Not persistent in aquatic environments

**Bioaccumulation Potential:** This material does not bioaccumulate

**Mobility in the Soil:** Expected to move slowly in soil and water

**Other Adverse Effects:** None established

## Section 13 Disposal Information

**Waste Disposal Method:** Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with all Federal, State, and Local regulations.

## Section 14 Transport Information

**Proper Shipping Name:** Non-Regulated Material

**Hazard Class:** N/A

**UN:** N/A

**Packing Group:** N/A

**Marine Pollutant:** No

## Section 15 Regulatory Information

**SARA 311/312:** No

### CHEMICAL INVENTORIES

All ingredients of this product are listed or are exempt from listing on the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**California Proposition 65:** None

**Canadian WHMIS Classification:** Not classified

## 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.