

## Safety Data Sheet

### PolySeal WB - Part A

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#### **Section 1** Product Description

Product Name: PolySeal WB - Part A Polyurethane Coating  
Recommended Use: Water based concrete coating  
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

Eye Irritant: Concentrated vapors or contact with eyes may cause eye irritation



#### **Signal Word**

Warning

#### **Hazard Statements**

H303-may be harmful if swallowed.  
H312-Harmful in contact with skin.  
H319-Causes serious eye irritation.  
H333-May be harmful if inhaled.

#### **Precautionary Statements**

##### **General:**

P101-Keep out of reach of children.  
P103-Read label before use.

##### **Prevention:**

P202-Do not handle until all safety precautions have been read and understood.  
P262-Do not get in eyes, on skin or on clothing.  
P264-Wash thoroughly after handling using this product.  
P280-Wear protective gloves/protective clothing/eye protection/face protection.

##### **Response:**

P331-DO NOT induce vomiting.  
P340, Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P352, Wash with plenty of soap and water.  
P362, Take off contaminated clothing and wash before reuse.

##### **Storage:**

P403-Store in well-ventilated place.  
P404-Store in a closed container.

**ROUTES OF ENTRY:** Eye contact, ingestion and inhalation.

**CARCINOGENICITY:** None known at this time.

#### **Section 3** Composition/ Information on Ingredients

	<u>CAS #</u>	<u>Conc. (wt%)</u>
Ethyl-3-Ethoxypropionate (non-HAP)	763-69-9	N/A
Tertiary Butyl Acetate (non-HAP; not a VOC)	540-88-5	N/A

{HAP = Hazardous Air Pollutant; VOC = Volatile Organic Compound}

All additional ingredients, in concentrations and/or physical forms, present in this product are not classified as hazardous to health and do not require reporting on this MSDS.

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## Section 4                      First Aid Measures

### **Emergency First Aid Procedures**

**Skin:** Wash skin thoroughly with water.

**Eyes:** Flush eyes with running water for at least 5 minutes, keeping eyelids open. If possible, remove contact lenses.

**Inhalation:** Move person to fresh air. If person is unconscious, seek immediate medical attention.

**Ingestion:** If swallowed, may cause nausea and diarrhea. Seek medical attention or poison control center advice; have the Safety Data Sheet information available.

**NOTES TO PHYSICIAN:** No specific treatment. Treat symptomatically. Contact a poison treatment specialist if large quantities have been ingested.

## Section 5                      Firefighting Procedures

**Extinguishing Media:** Use water, fog spray, or foam.

**Flash Point (TCC):** Non Flammable

**Flammable Limits (% volume in air for solvents):** **LEL:** Not Determined **UEL:** Not Determined

**Special Fire Fighting Procedures:** Water should be used to cool nearby containers to prevent pressure build-up.

## Section 6                      Spill or Leak Procedures

### **Cleanup:**

**Small spill:** Stop further spillage. Contain spilled material with absorbent material to capture liquid. Place collected absorbent in appropriate waste containers. Prevent spill from entering municipal sewers and/or open bodies of water.

**Large spill:** Stop further spillage. Prevent runoff from spill entering drains, municipal sewers or open bodies of water. Contain spilled material with absorbent material to capture liquid. Place collected absorbent in appropriate waste containers.

**Environmental precautions:** Prevent large releases of this material into the environment.

**Water spill:** This material may be a pollutant to water. May be harmful to algae.

**Land spill:** This material may be harmful to the environment if released in very large quantities.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

**Disposal Regulatory Requirements:** Follow applicable Federal, state, and local regulations.

**Container Cleaning and Disposal:** n/a

## Section 7                      Handling and Storage

**Normal Handling:** Do not get into eyes. Do not taste or swallow. Wash thoroughly after handling.

**Storage:** Store in original labeled container. Keep in cool and dry areas. Store indoors at temperatures above 32°F (0°C) and below 125°F (52°C).

**Waste Disposal Method:** Dispose of material in accordance with federal, state, and local guidelines.

**Special Precautions:** n/a

## Section 8                      Protection Information

**Respiratory Protection:** Respirators are not required for use of this product.

**Ventilation:** No special engineering controls required. Standard practice is to use this and similar type products with adequate ventilation.

**Safety Stations:** Emergency eye wash stations should be provided. Maintain housekeeping activities.

**Protective Clothing/Equipment:** Long sleeve shirts, long pants, socks, rubber boots and gloves.

**Eye Protection:** Protective Safety Glasses or Goggles are recommended.

**Skin Protection:** Solvent and water-resistant gloves are recommended.

**Work Hygienic Practices:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## Section 9                      Physical Data

**Appearance:** Clear Liquid

**Odor:** Slight solvent and ammonia odor

**Odor Threshold:** No data available

**pH:** 8.5-9.5

**Melting Point:** Not determined

**Freezing Point:** Not determined

**Boiling Point:** 212° F (100 °C)

**Flash Point:** Not Flammable

**Evaporation Rate:**  $\leq 0.01$  (n-butyl acetate = 1.0)  
**Flammability (solid, gas):** Non-flammable under normal conditions  
**Upper/lower Flammability:** N/A  
**Vapor Pressure:**  $< 0.0003$  mm Hg@77°F(25°C)  
**Density (water=1):** No data available  
**Vapor Density (air=1):** Heavier than air  
**Relative Density:** n/a  
**Water Solubility:** Slightly soluble in water  
**Partition Coefficient:** No data available  
**Auto-ignition Temperature:** N/A  
**Decomposition temperature:** Not determined  
**Viscosity:** Not determined  
**Specific Gravity (H2O=1, at 4 °C):** 1.043 +/- 0.07 (water = 1.0)  
**VOC:** n/a  
**% Volatile by Weight:** n/a

### **Section 10                      Reactivity Data**

**Chemical Stability:** Stable  
**Hazardous Decomposition:** Oxides of nitrogen, carbon monoxide, carbon dioxide  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** Heat, sparks and open flames.  
**Incompatible Materials:** Avoid contact with strong acids, alkali and oxidizing agents

### **Section 11                      Toxicity Data**

**Ethyl-3-Ethoxypropionate** (non-HAP) – CAS # 763-69-9:                      LD 50 (Rat -male)  $\geq 5,000$  mg/kg  
**Tertiary Butyl Acetate** (non-HAP; Not a VOC) CAS# 540-88-5:                      LD 50 (Rat -male)  $\geq 3,046$  mg/kg

**Routes of Exposure:** Inhalation, eyes, and skin.  
**Acute Eye Irritation:** slight irritation, tearing, and redness.  
**Acute Skin Irritation:** Prolonged contact may dry and defat skin.  
**Acute Dermal Toxicity:** Not expected to be toxic through the skin.  
**Acute Inhalation Toxicity:** Inhalation not expected; if occurs, move victim to fresh air; administer CPR if needed  
**Carcinogenic Effects:** n/a  
**Existing Medical Conditions Aggravated by Exposure:** n/a

### **Section 12                      Ecological Data**

**Ethyl-3-Ethoxypropionate** (non-HAP) – CAS # 763-69-9 - Not classified as dangerous to aquatic organisms  
LC50/EC50/IC50 greater than 100 mg/L in most sensitive species tested  
Daphnia magna (water flea)  $> 1,919$  mg/L

**Tertiary Butyl Acetate** (non-HAP; Not a VOC) CAS# 540-88-5- Not classified as dangerous to aquatic organisms  
LC50/EC50/IC50 greater than 100 mg/L in most sensitive species tested  
Pimephales promelas (fathead minnow)  $> 933$  mg/L

### **Section 13                      Disposal Information**

**Waste Disposal Method:** Procedures should be in place to minimize the generation of waste from the use of this product. Dispose of all waste and residue from this product in accordance with all local, state and federal hazardous waste regulations.  
**Container Handling and Disposal:** Maybe disposed of as non-hazardous waste.

### **Section 14                      Transport Information**

**UN Proper Shipping Name:** Not Regulated  
**IMDG Proper Shipping Name:** Not Regulated  
**DOT Proper Shipping Name:** Not Regulated  
**Technical Name:** Waterbased Latex

**Section 15** Regulatory Information

**ARA TITLE III (Superfund Amendments And Reauthorization Act)**

**311/312 Hazard Categories:** Not categorized

**313 Reportable Ingredients:** No ingredients present

**302/304 Emergency Planning:** No ingredients present

**TSCA:** All ingredients in this product are listed on the TSCA inventory

**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.