



## Epoxy Bonder Part A

### **Section 1** Product Description

Product Name: Epoxy Bonder Part A  
Recommended Use: Adhesion Promoter / Primer  
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 3 Skin Irritant  
Category 2A Eye Irritant



**Signal Word:**  
Warning

**Hazard Statements:**  
H316 Causes mild skin irritation

**Precautionary statements:**

**Prevention:**

P233 Keep container tightly closed  
P260 Do not breathe mist/vapors/spray  
P264 Wash skin thoroughly after handling  
P281 Use personal protective equipment as required

**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.  
P332+P313 If skin irritation occurs: Get medical advice/attention  
P362 Take off contaminated clothing and wash before reuse  
P370+P378 In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction

**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>
Bisphenol A Epoxy resin	Proprietary			95 - 100%

## 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:** 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

## Section 5 Firefighting Procedures

**Suitable Extinguishing Media:** Use foam, dry chemical or carbon dioxide

**Unsuitable Extinguishing Media:** N/A

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

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

**Special Fire Fighting Procedures:** Use water spray to keep nearby containers cool to reduce pressure build up. Wear self-contained breathing apparatus and full protective gear.

## Section 6 Spill or Leak Procedures

**Steps to Take if Material is Released or Spilled:** Ventilate the area and do not breath the vapors. 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. Do not allow to enter drains or water courses CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of 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. Keep material away from open flame, sparks, or other sources of heat and ignition.

**Waste Disposal Method:** Incinerate, in accordance with federal, state and local regulations.

**Special Precautions:** N/A

## Section 8 Protection Information

**Respiratory Protection:** Where concentrations in air may exceed allowable limits, NIOSH approved respirators should be worn.

**Ventilation:** Use explosion proof exhaust system designed & maintained to keep vapor level below the TLV & LEV.

**Protective Gloves:** Wear neoprene gloves.

**Skin Protection:** Wear long sleeves and chemically resistant clothing to prevent prolonged or repeated skin contact.

**Eye Protection:** Use chemical, splash goggles and face shield (ANSI Z87.1 or =)

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

**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.

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## **Section 9                      Physical Data**

**Appearance:** Colorless, Light Liquid  
**Odor:** Slight  
**Odor Threshold:** N/A  
**pH:** N/A  
**Freezing/Melting Point:** N/A  
**Boiling Point:** ~390° F  
**Flash Point:** N/A  
**Evaporation Rate:** N/A  
**Flammability (solid, gas):** N/A  
**Lower/Upper Flammability:** N/A  
**Vapor Pressure:** N/A  
**Vapor Density:** N/A  
**Relative Density:** 1.17 gm/cc  
**Solubility:** Essentially Insoluble  
**Partition Coefficient:** No data available  
**Auto-ignition Temperature:** N/A  
**Decomposition temperature:** No data available  
**Viscosity:** N/A  
**% Volatile (by weight):** Approximately 0%

## **Section 10                      Reactivity Data**

**Reactivity:** Stable  
**Conditions to avoid:** Keep containers tightly closed and away from heat. Closed containers may explode if exposed to heat  
**Incompatibility (Materials to Avoid):** Avoid contact with strong oxidizing agents as well as strong acids or bases.  
**Hazardous Decomposition (Byproducts):** Thermal decomposition may yield carbon monoxide & carbon dioxide and oxides of nitrogen.  
**Hazardous Polymerization:** N/A.  
**Unusual Hazards:** Byproducts of combustion include oxides of carbon and nitrogen

## **Section 11                      Toxicity Data**

**Routes of Exposure:** Inhalation, eyes, and Skin.  
**Health Hazards:**  
    **Acute:** Irritation and burning to eyes, nose, throat & lungs.  
    **Chronic:** Repeated skin contact may cause dermatitis.  
**Skin Contact:** May cause irritation and redness. Prolonged or repeated exposure can cause defatting and drying of the skin which may result in a burning sensation and a dried, cracked appearance.  
**Eye Contact:** May cause redness, tearing, and irritation of the eyes. Direct contact may cause serious eye damage.  
**Inhalation:** May cause headache, nausea, dizziness, and loss of coordination. Continued inhalation may result in unconsciousness and death.  
**Carcinogen:** N/A  
**Aggravation of Pre-existing Conditions:** May irritate existing dermatitis conditions.

## **Section 12                      Ecological Data**

**Acute Toxicity to Fish:** N/A  
**Acute Toxicity to Aquatic Invertebrates:** N/A  
**Toxicity to Aquatic Plants:** N/A  
**Toxicity to Microorganisms:** N/A  
**Chronic Toxicity to Fish:** N/A  
**Chronic Toxicity to Aquatic Invertebrates:** N/A  
**Persistence and Degradability:** N/A  
**Bioaccumulation Potential:** N/A  
**Mobility in the Soil:** N/A  
**Other Adverse Effects:** N/A

## Safety Data Sheet

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

**Waste Disposal Method:** Liquid material is an ignitable waste (D001). Dispose of material in accordance with all Federal, State, and Local regulations.

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

**Proper Shipping Name:** N/A

**Hazard Class:** N/A

**UN:** N/A

**Packing Group:** N/A

**Marine Pollutant:** No

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

**SARA 311/312:** N/A

**OSHA:** N/A

**TSCA:** N/A.

**California Proposition 65:** N/A

**Massachusetts Right To Know:** N/A

**Pennsylvania Right To Know:** N/A

**New Jersey Right To Know:** 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.