

# MATERIAL SAFETY DATA SHEET

## XR BOND PRIMER

### 1 - IDENTIFICATION

**Manufacturer:** Kerr Corporation  
**Address:** 1717 West Collins Avenue  
**City, State, Zip:** Orange, CA 92867-5422  
**Telephone:** 1-800-KERR-123  
**Emergency:** Chemtrec 1-800-424-9300  
**Date Prepared:** July 2009

### 2 - COMPOSITION INFORMATION

#### Hazardous Ingredients

	<u>CAS #</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm	40-50

#### Other Ingredients

Alkyl Dimethacrylate Resins	N/A	N/A	10-20
Water	N/A	N/A	40-50

### 3 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** N/E  
**Specific Gravity (H<sub>2</sub>O = 1):** 0.96  
**Vapor Pressure (mm Hg):** N/E  
**Vapor Density (AIR = 1):** N/E  
**Solubility in Water:** Soluble  
**Reactivity in Water:** N/A  
**Appearance and Odor:** Pale yellow liquid with a fruity odor

### 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** 64 °F (18 °C) - For Ethanol  
**Flammable Limits:** LEL: N/E UEL: N/E  
**Extinguishing Media:** Carbon dioxide, dry chemical foam  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

### 5 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** Heat, sparks and open flames  
**Incompatibility (Material to Avoid):** Strong oxidizing agents  
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide  
**Hazardous Polymerization:** Will not occur

### 6 - HEALTH HAZARD DATA

#### Routes of Entry:

**Skin:** May cause mild irritation.  
**Eyes:** May cause mild irritation.  
**Inhalation:** May cause irritation of the throat.  
**Ingestion:** May be poisonous by ingestion.  
**Carcinogenicity -** NTP: No  
**IARC Monographs:** No OSHA Regulated Carcinogen: No

### 7 - EMERGENCY FIRST AID PROCEDURES

**Skin:** Wash thoroughly with soap and water. Use hand cream.  
**Eyes:** Flush with water for at least 15 minutes.  
**Inhalation:** Move to fresh air.  
**Ingestion:** Do not give liquids if person is unconscious. Contact a physician.

### 8 - PRECAUTIONS FOR SAFE HANDLING & USE

**Steps to be taken in case material is released or spilled:** Dilute with water, wipe with cloth and transfer to a suitable container for disposal.  
**Waste Disposal Method:** Material should not be allowed to drain to sewers. Incinerate liquid in proper equipment. Dispose of in accordance with all federal, state and local regulations.  
**Precautions to be Taken in Handling and Storing:** Store in a cool, dry place away from ignition sources.  
**Other precautions:** Use only according to directions.

### 9 - CONTROL MEASURES

**Respiratory Protection (Specify Type):** Not needed  
**VENTILATION:**  
**Local Exhaust:** Recommended to keep exposure under 1,000 ppm.  
**Mechanical (General):** Usually sufficient  
**Protective Gloves:** Latex gloves recommended.  
**Eye Protection:** Safety glasses with side shields  
**Work/Hygiene Practices:** Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

### 10 - TRANSPORTATION INFORMATION

**Regulated:** DOT, IATA, IMO  
**Proper Shipping Name:** Ethyl Alcohol Solution  
**Hazard Class:** 3  
**Identification Number:** UN 1170  
**Packing Group:** II  
**Label:** Flammable Liquid  
**Note:** See 49CFR 173.4

### 11 - SPECIAL INFORMATION

**HMIS (Hazardous Material Identification System) Rating:**  
H0 F3 R0  
[HMIS Index: 4 - Severe Hazard; 3 - Serious Hazard;  
2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]

**Note:** Hazard information contained on this MSDS form relates only to material in its uncured state. Thorough biocompatibility and toxicity testing of the cured material and its extracts have demonstrated that the material is non-toxic.