

# MATERIAL SAFETY DATA SHEET

## SILANE 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:** April 17, 2006

### 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	80-85

#### Other Ingredients

Organosilane Ester	N/A	N/A	15-20
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### 3 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 173°F (78.5°C)  
**Specific Gravity (H<sub>2</sub>O = 1):** ~0.85  
**Vapor Pressure (mm Hg):** 40mm Hg  
**Melting Point:** N/A  
**Vapor Density (AIR = 1):** 1.59  
**Solubility in Water:** Soluble  
**Reactivity in Water:** N/A  
**Appearance and Odor:** Clear, colorless liquid with alcohol odor

### 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** 55°F (13°C)  
**Flammable Limits:** LEL: 4.3 UEL: 19  
**Extinguishing Media:** Carbon dioxide, dry chemical, water spray  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

### 5 - REACTIVITY DATA

**Stability:** Stable if stored as directed.  
**Conditions to Avoid:** Heat, sparks, open flame  
**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 a mild irritation.  
**Eyes:** May cause a 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 15 minutes.  
**Inhalation:** Remove to fresh air. Restore breathing if necessary.  
**Ingestion:** Do not give liquids. If victim is unconscious, contact 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 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 local regulations.  
**Precautions to be taken in handling and storing:** Store in a cool, dry place. Keep away from ignition sources.  
**Other precautions:** Use according to directions.

### 9 - CONTROL MEASURES

**Respiratory Protection (Specify Type):** Not needed  
**VENTILATION:**  
**Local Exhaust:** Recommended to keep exposure under 1000ppm.  
**Mechanical (General):** Should be sufficient  
**Protective 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  
**Hazard Class:** 3  
**Identification Number:** 1170  
**Packaging Group:** II  
**Label:** Flammable Liquid  
**NOTE:** May be shipped ORM-D  
See 49CFR 173.4

### 11 - SPECIAL INFORMATION

**HMIS (Hazardous Material Identification System) Rating:**  
H1 F3 R1  
[HMIS Index: 4 - Severe Hazard; 3 - Serious Hazard;  
2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]