

MATERIAL SAFETY DATA SHEET

SILANE PRIMER

1 - IDENTIFICATION

Manufacturer: Kerr Corporation
Address: 1717 West Collins Avenue
City, State, Zip: Orange, CA 92867
Telephone: 1-800-KERR-123
Emergency: Chemtrec 1-800-424-9300
International 1-703-527-3887
Date Prepared: April 17, 2006
Date Revised: March 2008

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 (H₂O = 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 federal, state and 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]