MATERIAL SAFETY DATA SHEET

ORTHO SOLO STICK

Universal Bond Enhancer

1 - IDENTIFICATION

Manufacturer: Kerr Corporation
Address: 1717 West Collins Avenue
City, State, Zip: Orange, CA 92867-5422
Telephone: 800-KERR-123
24-Hour Emergency: **Chemtrec 1-800-242-9300**
Date Prepared: March 9, 2004

2 - COMPOSITION INFORMATION

Hazardous Ingredients

	CAS#	PEL	TLV	%
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm	1-5

Other Ingredients

	CAS#	PEL	TLV	%
Alkyl Dimethacrylate Resins	N/A	N/A	N/A	60-80
Barium Aluminoborosilicate Glass	60195-38-2	N/A	N/A	14-24
Fumed Silica (Silicon Dioxide)	N/A	N/A	N/A	2-10
Sodium Hexafluorosilicate	16893-85-9	N/A	N/A	1-5

3 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/E
Specific Gravity (H_20 = 1): ~ 1.25
Vapor Pressure (mm Hg): N/E
Melting Point: N/A
Vapor Density (AIR = 1): N/E
Solubility in Water: Partial (For uncured material.)
Reactivity in Water: N/A
Appearance and Odor: Pale yellow paste 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 or dry chemical foam
Special Fire Fighting Procedures: None
Auto-Ignition Temperature: N/A
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 and carbon dioxide
Hazardous Polymerization: Will not occur
Conditions to avoid: N/A

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: Protective gloves to protect from skin contact recommended.
Eye Protection: Chemical safety glasses with side shields.
Other Protective Clothing or Equipment: None
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: Ethanol solution
Hazard Class: 3
Identification Number: UN 1170
Packing Group: II
Label: Flammable Liquid
Note: See 49CFR 173.4 (small quantity exemption)

11 - SPECIAL INFORMATION

HMIS (Hazardous Material Identification System) Rating:
H1 F3 R0
[HMIS Index: 4 - Severe Hazard; 3 -Serious Hazard; 2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.