

Material Safety Data Sheet

OptiBond Solo Plus Adhesive Resin

1 - IDENTIFICATION

Manufacturer's Name: Kerr Corporation
Address: 1717 West Collins Avenue
City, State, Zip: Orange, CA 92867-5422
Telephone/Emergency: 800-KERR-123 / 800-424-9300
Date Prepared: July 28, 1999

2 - COMPOSITION INFORMATION

Hazardous Ingredients

Item (CAS#)	OSHA PEL	ACGIH TLV	%
Ethyl Alcohol CAS#: 64-17-5	1000 ppm	1000 ppm	20-25
Ethanol UN#: 1170			

Other Ingredients

Alkyl Dimethacrylate Resins	N/A	N/A	55-60
Barium Aluminoborosilicate Glass	N/A	N/A	5-10
Fumed Silica (Silicon Dioxide)	N/A	N/A	5-10
Sodium Hexafluorosilicate	N/A	N/A	0.5-1

3 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/E

Specific Gravity (H₂O = 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 degrees F (18 degrees C) - For Ethanol

Flammable Limits: LEL: N/E **UEL:** N/E

Extinguishing Media: Carbon Dioxide, 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, carbon dioxide.

Hazardous Polymerization: Will not occur.

Conditions to avoid: N/A

6 - HEALTH HAZARD DATA

Health Hazards:

Eye Contact: May cause mild irritation.

Skin Contact: May cause mild irritation.

Inhalation: May cause irritation of the throat.

Ingestion: May be poisonous by ingestion.

Carcinogenicity: No

NTP: No.

IARC Monographs: No

OSHA Regulated: Yes

Eyes: Flush with water for at least 15 minutes..

Skin: Wash thoroughly with soap and water. Use hand cream.

Inhalation: Move to fresh air.

Ingestion: Do not give liquids if person is unconscious. Contact a physician.

8 - PRECAUTIONS FOR SAFE HANDLING AND 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.

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

SPECIAL INFORMATION

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

State RTK: N/A

Ratings: HMIS: H0F3R0

Hazard Index

4 - Severe Hazard

3 - Serious Hazard

2 - Moderate Hazard

1 - Slight Hazard

0 - Minimum Hazard

7 - EMERGENCY/FIRST AID PROCEDURES: