

MATERIAL SAFETY DATA SHEET

OPTIBOND FL PRIME

Bonding Agent

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 Reviewed: 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 | 20-25 |

Other Ingredients

Alkyl dimethacrylate resins and water

3 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/E
Specific Gravity (H₂O = 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 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: Protective 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: 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.