

# MATERIAL SAFETY DATA SHEET

## 1. Identification of the Product and the Company

1.1 *Product Name:* FL Bond "FB Primer B"

1.2 *Company /Undertaking identification*

Manufacturer's Name: Shofu Dental Corporation

Address: 1225 Stone Drive, San Marcos, CA 92078

Phone Number for Information: 760- 736-3277

Signature of Preparer: *Seiguns Noice*

Date Prepared: 2001. 4. 25

1.3 *Emergency Telephone Number*

1-800-535-5053

## 2. Composition/Information on Ingredients

<i>Hazardous Composition</i>	<i>CAS No.</i>	<i>%</i>	<i>remark</i>
2-Hydroxy Ethyl Methacrylate	[Cas no.868-77-9]	approx. 40%	irritant
Acetone	[Cas no.67-64-1]	approx. 6%	flammable

## 3. Hazardous Identification

- 3.1 *Route of Entry:* Inhalation: possible, Skin: possible, Ingestion: possible.
- 3.2 *Health Hazard(Acute and Chronic):* Eye contact may occur irritation or possible corneal damage.  
May cause irritation and sensitization by skin/mucous membrane contact. Possible nausea on prolonged exposure.
- 3.3 *Carcinogenicity:* N/A
- 3.4 *Hazard Designation:* Highly flammable and irritant preparation. Symbols are F and Xi

## 4. First Aid Measures

- 4.1 *Eye contact :* Flash with flowing water then consult physician.
- 4.2 *Skin contact :* Wash immediately with soap and plenty of water.
- 4.3 *Ingestion :* Consult physician.
- 4.4 *Inhalation:* Move to the open air.

## 5. Fire-fighting Measures

- 5.1 *Suitable Extinguishing Media:* CO2, dry chemical, foam
- 5.2 *Extinguishing Media Should not be used :*
- 5.3 *Special Exposure Hazards Arising:* Easily flammable liquid in room temp.  
Irritation gases and fumes may emit.
- 5.4 *Special Protective Equipment:* Wear fire protective cloth and self-contained breathing apparatus if necessary.

## 6. Accidental Release Measures

- 6.1 *Personal Precautions:* Avoid eye and skin contact. See section 8.
- 6.2 *Environmental Precautions:* Send to approved treatment/disposal company or dispose according to local, state and federal regulations.
- 6.3 *Methods for Cleaning Up:* Wipe up and discard in a suitable container.

## 7. Handling And Storage

- 7.1 *Handling:* Handle in a well ventilated place. Avoid prolonged skin contact with uncured resin.  
Keep away from naked flames, sparks and sources of heat.

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**7.2 Storage:** Store in a cool and dark area.(Keep refrigerated when not in use) .

**8.Exposure Controls/Personal Protection**

<b>8.1 Exposure limits:</b>	ACGIH TLV
Acetone[Cas No. 67-64-1]	1780 mg/m <sup>3</sup>
2-Hydroxy Ethyl Methacrylate [Cas no.868-77-9]	None assigned.
<b>8.2 Respiratory Protection:</b>	Not required(use protective gas mask for organic gas, if necessary)
<b>8.3 Hand Protection:</b>	Latex or rubber gloves
<b>8.4 Eye Protection:</b>	Safety goggles (May be required)
<b>8.5 Skin Protection:</b>	Not required (Observe normal care when working with chemicals.)

**9.Physical And Chemical Properties**

<b>9.1 Appearance/Odour/pH</b>	Colorless liquid with sweet odor
<b>9.2 Boiling Point/Boiling Range:</b>	N/D
<b>9.3 Melting Point/Melting Range:</b>	N/A
<b>9.4 Flash point:</b>	19 °C(close)
<b>9.5 Auto flammability:</b>	N/D
<b>9.6 Explosive Properties:</b>	
<b>9.7 Oxidizing Properties:</b>	
<b>9.8 Vapour Pressure:</b>	N/D
<b>9.9 Relative Density:</b>	0.83 (water=1)
<b>9.10 Solubility:</b> water solubility	Soluble in all purport

**10.Stability And Reactivity**

<b>10.1 Condition to Avoid:</b>	Avoid exposure to visible light on the liquid. Keep away from source of ignition.(=electric discharge and smoking etc.)
<b>10.2 Materials to Avoid:</b>	Strong oxidizing materials
<b>10.3 Hazardous Decomposition Products:</b>	may occur peroxide

**11.Toxicological Information**

Inhalation of the vapor ,may cause headache, dizziness and vomiting.  
Repeated contact to the mucous membrane of eyes, nose and throat cause inflammation.

**12.Ecological Information****13.Disposal Conditions**

Disposal in accordance with federal, state and local regulations.

**14.Transport Information****15.Regulatory Information****16.Other Information**

Handling of this product exclusively by dental specialists according to instruction for use.