

## MATERIAL SAFETY DATA SHEET

### 1. Identification of the Product and the Company

#### 1.1 Product Name:

FL Bond "FB Etchant"

#### 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: *Sugimura*

Date Prepared: 2001. 4. 25

#### 1.3 Emergency Telephone Number

1-800-535-5053

### 2. Composition/Information on Ingredients

Hazardous Composition	CAS No.	%
Phosphoric acid	7664-38-2	6.8 %

### 3. Hazardous Identification

- 3.1 Route of Entry: Inhalation: possible, Skin: possible, Ingestion: possible,  
 3.2 Health Hazard(Acute and Chronic) Causes burns with skin and eye contact.(acute)  
 Irritating to eyes and skin.(chronic)  
 3.3 Carcinogenicity No  
 3.4 Hazard Designation: N/A

### 4. First Aid Measures

- 4.1 Eye contact : Rinse immediately with plenty of water and seek medical advice.  
 4.2 Skin contact : Wash immediately with plenty of water and soap.  
 4.3 Ingestion : Seek medical advice.  
 4.4 Inhalation: Remove from exposure immediately, seek medical advice if necessary.  
 4.5 Other : In case of accident or if you feel unwell, seek medical advice immediately.

### 5. Fire-fighting Measures

*This product is non-flammable.*

- 5.1 Suitable Extinguishing Media: N/A  
 5.2 Extinguishing Media Should not be used : N/A  
 5.3 Special Exposure Hazards Arising: N/A  
 5.4 Special Protective Equipment: N/A

### 6. Accidental Release Measures

- 6.1 Personal Precautions: See section 8.  
 6.2 Methods for Cleaning Up: Wipe up and discard in a suitable container.

### 7. Handling And Storage

- 7.1 Handling: Avoid contact with skin and eye Avoid prolonged inhalation.  
 Local dust extraction measures are recommended.  
 7.2 Storage: Store under normal dry conditions. Keep containers closed.  
 Keep out of reach of children.

**MATERIAL SAFETY DATA SHEET****8.Exposure Controls/Personal Protection**

<i>8.1 Exposure limits:</i>	CAS No.	ACGIH TLV
Phosphoric acid	7664-38-2	1mg/m3
<i>8.2 Respiratory Protection:</i>	Gas mask	
<i>8.3 Hand Protection:</i>	Latex or rubber gloves	
<i>8.4 Eye Protection:</i>	Safety goggles	
<i>8.5 Skin Protection:</i>	Suitable protective clothing.	

**9.Physical And Chemical Properties**

<i>9.1 Appearance/Odour/pH</i>	Odorless blue-colored jelly
<i>9.2 Boiling Point/Boiling Range:</i>	N/D
<i>9.3 Melting Point/Melting Range:</i>	N/A
<i>9.4 Flash point:</i>	N/A
<i>9.5 Auto flammability:</i>	N/A
<i>9.6 Explosive Properties:</i>	
<i>9.7 Oxidizing Properties:</i>	
<i>9.8 Vapour Pressure:</i>	N/A
<i>9.9 Relative Density:</i>	about 1.0 (water=1)
<i>9.10 Solubility: water solubility</i>	Soluble in all purport

**10.Stability And Reactivity**

*This liquid is considered to be stable.*

**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.