

MATERIAL SAFETY DATA SHEET

1. Identification of the Product and the Company

1.1 *Product Name:*

FL Bond II "Primer"

1.2 *Company /Undertaking identification*

Manufacturer's Name: **SHOFU INC.**

Address: 11-Kamitakamatsu-Cho Fukunine Higashiyama-ku Kyoto 605 ,JAPAN

Phone Number for Information: 81-75-561-1112

Signature of Preparer:

Date Prepared: 5/17/2007

1.3 *Emergency Telephone Number*

81-75-561-1112

2. Composition/Information on Ingredients

<i>Composition</i>	<i>CAS No.</i>	<i>%</i>	<i>Hazard type</i>
Ethanol	64-17-5	≐ 40	flammable
Methacrylic adhesive monomer			
Pure water			
others			

3. Hazardous Identification

3.1 *Route of Entr.:* Inhalation: possible, Skin: possible, Ingestion: possible,

3.2 *Health Hazard(Acute and Chronic)* :Eye contact may occur irritation or possible corneal damage.
Possible nausea on prolonged exposure.

3.3 *Carcinogenicity* N/A

3.4 *Hazard Designation:* Highly flammable liquid. Symbol is F

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.

5.4 *Special Protective Equipment:* Wear fire protective cloth ,

6. Accidental Release Measures

6.1 *Personal Precautions:* Avoid eye 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 inhalation of grindings and prolonged skin contact with uncured resin.

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Keep away from naked flames, sparks and sources of heat.

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

8.Exposure Controls/Personal Protection

8.1 Exposure limits:	ACGIH TLV
Ethanol[Cas No. 64-17-5]	1000 ppm; 1880 mg/m ³ (as TWA)
8.2 Respiratory Protection:	Not required(use protective gas mask for organic gas, if necessary)
8.3 Hand Protection:	Latex or rubber gloves
8.4 Eye Protection:	Safety goggles (May be required)
8.5 Skin Protection:	Not required (Observe normal care when working with chemicals.)

9.Physical And Chemical Properties

9.1 Appearance/Odour/pH	Colorless liquid with sweet odor
9.2 Boiling Point/Boiling Range:	N/D
9.3 Melting Point/Melting Range:	N/A
9.4 Flash point:	23 °C (close)
9.5 Auto flammability:	N/D
9.6 Explosive Properties:	
9.7 Oxidizing Properties:	
9.8 Vapour Pressure:	N/D
9.9 Relative Density:	about 1 (water=1)
9.10 Solubility: water solubility	Soluble in all purport

10.Stability And Reactivity

10.1 Condition to Avoid:	Avoid exposure to visible light on the liquid. Keep away from source of ignition.(-electric discharge and smoking etc.)
10.2 Materials to Avoid:	Strong oxidizing materials
10.3 Hazardous Decomposition Products:	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

The product should not be allowed to drain into sewers.

13.Disposal Conditions

Disposal in accordance with federal, state and local regulations.

14.Transport Information

UN/ID no. 1170, (Haz Class 3 •Pack Group II) as Ethanol solution

15.Regulatory Information

16.Other Information

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