

MATERIAL SAFETY DATA SHEET

1. Identification of the Product and the Company

1.1 *Product Name:*

FL Bond II "Etchant"

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>Hazardous Composition</i>	<i>CAS No.</i>	<i>∩ "</i>	<i>Hazard type</i>
Phosphoric acid	7664-38-2	6.5 %	Corrosive
Fumed silica			
Others			

3. Hazardous Identification

3.1 *Route of ∩:* Inhalatic possible, Skin: possible, Ingestior possible,

3.2 *Health Hazard(Acute and Chro.* 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 contac* 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 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.

8. Exposure Controls/Personal Protection

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8.1 Exposure limits:	CAS No.	ACGIH TLV
Phosphoric acid	7664-38-2	1 mg/m ³ (TWA)
8.2 Respiratory Protection:	Gas mask	
8.3 Hand Protection:	Latex or rubber gloves	
8.4 Eye Protection:	Safety goggles	
8.5 Skin Protection:	Suitable protective clothing.	

9. Physical And Chemical Properties

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

11.1 Acute Toxicity:

ORL-RAT , k, c50 1530 mg/kg lias Phosphoric acid)

12. Ecological Information

13. Disposal Conditions

Disposal in accordance with federal, state and local regulations.

14. Transport Information

UN No: 1805 Hazard Class: 8 , Pack Group: III as Phosphoric Acid

15. Regulatory Information

16. Other Information

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