

MATERIAL SAFETY DATA SHEET

1. Identification of the Product and the Company

1.1 Product Name:

Porcelain 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: 2008.01.12

1.3 Emergency Telephone Number

81-75-561-1112

2. Composition/Information on Ingredients

<i>Composition</i>	<i>Cas.no.</i>	<i>%</i>	<i>Hazzard type</i>
Ethanol	64-17-5	approx. 95%	highly flammable
Maleic anhydride	108-31-6	< 1.0%	
Others			

3. Hazardous Identification

- 3.1 *Route of Entry* : Inhalation: possible, Skin: possible, Ingestion: possible,
 3.2 *Health Hazard(Acute and Chronic)* : Liquid and vapor contact may cause irritation to eyes, respiratory system and skin.
 3.3 *Carcinogenicity* : N/A
 3.4 *Hazard Designation:* Highly flammable liquid. Symbol is F

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 soap and plenty of water.
 4.3 *Ingestion* : Rinse mouth. Consult physician.
 4.4 *Inhalation:* Move to the open air and rest..

5. Fire-fighting Measures

- 5.1 *Suitable Extinguishing Media:* CO2, dry chemical, alcohol-resistant foam
 5.2 *Extinguishing Media Should not be used :*
 5.3 *Special Exposure Hazards Arising:* In case of fire, irritation gasses 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 contact. See section 8.
 6.2 *Environmental Precautions:* Remove all ignition sources. Ventilation.
 6.3 *Methods for Cleaning Up:* Collect leaking and spilled liquid in sealable containers as far as possible. Wash away remainder with plenty of water container.

7. Handling And Storage

- 7.1 *Handling:* Handle in a well ventilated place. Keep away from ignition source-No smoking.
 7.2 *Storage:* Keep container tightly closed. Store in a cool, dark and fireproof area.

MATERIAL SAFETY DATA SHEET

Separated from strong oxidants.

8.Exposure Controls/Personal Protection

<i>8.1Exposure limits:</i>	<i>Cas.no.</i>	<i>ACGIH. TLV.</i>
Ethanol	64-17-5	1000 ppm as TWA (1900mg/m ³)
<i>8.2 Respiratory Protection:</i>	Use local exhaust and protective gas mask for organic gas, if necessary.	
<i>8.3 Hand Protection:</i>	Protective gloves (Latex, rubber or plastics gloves)	
<i>8.4 Eye Protection:</i>	Safety goggles (May be required)	
<i>8.4 Skin Protection:</i>	Not required	

9.Physical And Chemical Properties

<i>9.1 Appearance/Odour/pH</i>	Colorless transparent liquid with alcohol odor
<i>9.2 Boiling Point/Boiling Range:</i>	approx. 80
<i>9.3 Melting Point/Melting Range:</i>	N/A
<i>9.4 Flash point:</i>	16 (close)
<i>9.5 Autoflammability:</i>	N/D
<i>9.6 Explosive Properties:</i>	
<i>9.7 Oxidizing Properties:</i>	
<i>9.8 Vapour Pressure:</i>	N/D
<i>9.9 Relative Density:</i>	0.8 (water=1)
<i>9.10 Solubility: water solubility</i>	Soluble in all purport

10.Stability And Reactivity

<i>10.1 Condition to Avoid:</i>	Keep away from sources of ignition - No smoking.
<i>10.2 Materials to Avoid:</i>	Strong oxidizing materials.
<i>10.3 Hazardous Decomposition Products:</i>	Will not occur

11.Toxicological Information

12.Ecological Information

13.Disposal Conditions

Dispose according to local, state and federal regulations.

14.Transport Information

UN Hazard Class: 3, Pack Group: II, (UN No: 1170 as Ethanol)

15.Regulatory Information

16.Other Information

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