

# MATERIAL SAFETY DATA SHEET

## 1. Identification of the Product and the Company

### 1.1 Product Name:

**Beautifil**

### 1.2 Company /Undertaking identification

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

Address: 11-Kamitakamatsu-Cho Fukunine Higashiyama-ku Kyoto 605-0983 ,JAPAN

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

Signature of Preparer:

Date Prepared: 2006.9.11.

### 1.3 Emergency Telephone Number

81-75-561-1112

## 2. Composition/Information on Ingredients

<i>Composition</i>	<i>%</i>
Bis-GMA	7.5
Triethylenglycol dimethacrylate	< 5
Aluminofluoro-borosilicate glass	70
Al <sub>2</sub> O <sub>3</sub>	
DL-Camphorquinone	
Others	

Hazardous ingredients are not include.

## 3. Hazardous Identification

3.1 <i>Route of Entry:</i>	Inhalation: N/A,	Skin: may be,	Ingestion: may be,
3.2 <i>Health Hazard(Acute and Chronic)</i>	May cause irritation to skin and eyes.		
3.3 <i>Carcinogenicity</i>	N/A		

## 4. First Aid Measures

- 4.1 *Eye contact* : Flash with flowing water and seek medical advice if necessary.
- 4.2 *Skin contact* : Wash with mild soap and water.
- 4.3 *Ingestion* : Consult physician if necessary.

## 5. Fire-fighting Measures

- 5.1 *Suitable Extinguishing Media:* CO<sub>2</sub>, dry chemical, foam
- 5.2 *Extinguishing Media Should not be used :*
- 5.3 *Special Exposure Hazards Arising:* In case of fire, do not breath fumes and gases. (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:* N/A
- 6.2 *Environmental Precautions:* Dispose according to local, state and federal regulations.
- 6.3 *Methods for Cleaning Up:* Wipe up and discard in a suitable container.

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### 7. Handling And Storage

- 7.1 *Handling:* Avoid inhalation of grindings and prolonged skin contact with uncured resin.
- 7.2 *Storage:* Store in a cool and dark area.(Keep refrigerated when not in use)

### 8. Exposure Controls/Personal Protection

- 8.1 *Respiratory Protection:* Not required(use dust mask while grinding or finishing)
- 8.2 *Hand Protection:* Latex or rubber gloves
- 8.3 *Eye Protection:* Safety goggles (May be required)
- 8.4 *Skin Protection:* Not required

### 9. Physical And Chemical Properties

- 9.1 *Appearance/Odour/pH* Colored putty-like paste with sweet odor
- 9.2 *Boiling Point/Boiling Range:* N/A
- 9.3 *Melting Point/Melting Range:* N/D
- 9.4 *Flash point:* N/A
- 9.5 *Auto flammability:* N/D
- 9.6 *Explosive Properties:*
- 9.7 *Oxidizing Properties:*
- 9.8 *Vapour Pressure:* N/A
- 9.9 *Relative Density:* 2.25(water=1)
- 9.10 *Solubility: water solubility* Insoluble

### 10. Stability And Reactivity

- 10.1 *Condition to Avoid:* Visible light on liquid
- 10.2 *Materials to Avoid:* Strong oxidizing materials
- 10.3 *Hazardous Decomposition Products:* Will not occur

### 11. Toxicological Information

### 12. Ecological Information

### 13. Disposal Conditions

### 14. Transport Information

### 15. Regulatory Information

### 16. Other Information

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