

# SAFETY DATA SHEET

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## 1. Identification of the substance or mixture and of the supplier

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### 1.1 Product Name:

**BEAUTIFIL-Bulk Restorative**

### 1.2 Company /Undertaking identification

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

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

Phone: +81-75-561-1112

Fax: +81-75-275-4795

Section in Charge: Quality Assurance Section

Date Prepared: 2013.6.17

### 1.3 Emergency Telephone Number

+81-75-561-1112

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## 2. Hazardous identification

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### GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE SOLIDS	Not Classified
	SELF-HEATING SUBSTANCES AND MIXTURES	Not Classified
	SUBSTANCES AND MIXTURES WHICH, IN CONTACT WITH WATER, EMIT FLAMMABLE GASAS	Not Classified
HEALTH HAZARDS	ACUTE TOXICITY-ORAL	Not Classified
	SKIN CORROSION/IRRITATION	Not Classified
	EYE DAMAGE/IRRITATION	Not Classified
	SENSITIZATION-SKIN	Not Classified
ENVIRONMENTAL HAZARD	HAZARDOUS TO THE AQUATIC ENVIRONMENT-ACUTE HAZARD	Not Classified
	HAZARDOUS TO THE AQUATIC ENVIRONMENT-CHRONIC HAZARD	Not Classified

The thing without mention is out of a classification object. Or cannot classify it.

### LABEL ELEMENTS

SYMBOL

SIGNAL WORD

HAZARD STATEMENTS

### PRECAUTIONARY STATEMENTS

[Prevention]

Obtain special instruction before use.

Do not handle until all safety precautions have been read and understood.

[Response]

If you feel un-well, get medical advice/attention.

[Storage]

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

[Disposal]

Dispose of contents and container in accordance with regulation.

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## 3. Composition/information on ingredients

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### Composition

Fluoro-alumino-silicate glass 70%

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Bis-GMA [Cas No.1565-94-2]  
 UDMA  
 Bis-MPEPP [Cas No.41637-38-1]  
 TMGDMA [Cas No.109-16-0]  
 Reaction initiator  
 Others

## 4. First-aid measures

- 4.1 Eye contact* : Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. If eye irritation persists, get medical advice/attention.
- 4.2 Skin contact* : Wash immediately with soap and plenty of water. If on skin, skin irritation, get medical advice/attention.
- 4.3 Ingestion* : Rinse mouth. Get medical advice/attention.
- 4.4 Inhalation* : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptom concerning breath goes out, call a POISON CENTER to doctor.

## 5. Fire-fighting measures

- 5.1 Suitable Extinguishing Media:* Powder, Alcohol-resistant foam, Carbon dioxide
- 5.2 Extinguishing Media Should not be used :* N/A
- 5.3 Special Exposure Hazards Arising:* 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:* See section 8. Avoid contact with eyes and skin.
- 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.  
 Keep away from naked flames, sparks and sources of heat.
- 7.2 Storage:* Store in a cool and dark fire proof area with container tightly closed.  
 Keep refrigerated when not in use.

## 8. Exposure controls/personal protection

- 8.1 Exposure limits:* ACGIH TLV.  
 None assigned.
- 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 special measures

## 9. Physical and chemical properties

- 9.1 Appearance/Odour/pH* Non- or yellowish- colored putty-like paste with sweet odor
- 9.2 Boiling Point/Boiling Range:* N/D
- 9.3 Melting Point/Melting Range:* N/D

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<i>9.4 Flash point:</i>	N/D
<i>9.5 Auto flammability:</i>	N/D
<i>9.6 Explosive Properties:</i>	N/D
<i>9.7 Oxidizing Properties:</i>	N/D
<i>9.8 Vapour Pressure:</i>	N/D
<i>9.9 Relative Density:</i>	2.17 (water=1)
<i>9.10 Solubility: water solubility</i>	Insoluble

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### 10. Stability and reactivity

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<i>10.1 Stability:</i>	Stable under the normal condition.
<i>10.2 Reactivity:</i>	Polymerization will occur with heat, light.
<i>10.3 Condition to avoid:</i>	Visible light and high-temperature Keep away from source of ignition.(-electric discharge and smoking etc.)
<i>10.4 Materials to avoid:</i>	Strong oxidizing materials

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### 11. Toxicological information

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No information

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### 12. Ecological information

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The product should not be allowed to drain into sewers.

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### 13. Disposal considerations

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Dispose of contents/container to in accordance with local/regional/national/international regulations (to be specified).

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### 14. Transport information

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Airline restriction information ; It doesn't correspond.  
UN No. ; It doesn't correspond.  
Sea restriction information ; It doesn't correspond.  
UN No. ; It doesn't correspond.

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### 15. Regulatory information

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Follow all regulations in your country.

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### 16. Other Information

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This product is intended for use by dental professionals. (instrument/material)