

# SAFETY DATA SHEET

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

### 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

## 2. Hazardous identification

### 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.

## 3. Composition/information on ingredients

### 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

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## 4. First-aid measures

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- 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.

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## 5. Fire-fighting measures

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|---|---|
| <i>5.1 Suitable Extinguishing Media:</i>            | Powder, Alcohol-resistant foam, Carbon dioxide                                  |
| <i>5.2 Extinguishing Media Should not be used :</i> | N/A   |
| <i>5.3 Special Exposure Hazards Arising:</i>        | Irritation gases and fumes may emit.  |
| <i>5.4 Special Protective Equipment:</i>            | Wear fire protective cloth and self-contained breathing apparatus if necessary. |

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## 6. Accidental release measures

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|---------------------------------------|---|
| <i>6.1 Personal Precautions:</i>      | See section 8. Avoid contact with eyes and skin.  |
| <i>6.2 Environmental Precautions:</i> | Send to approved treatment/disposal company or dispose according to local, state and federal regulations. |
| <i>6.3 Methods for Cleaning Up:</i>   | Wipe up and discard in a suitable container.  |

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## 7. Handling and storage

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|----------------------|--|
| <i>7.1 Handling:</i> | Handle in a well ventilated place.<br>Avoid inhalation of grindings and prolonged skin contact with uncured resin.<br>Keep away from naked flames, sparks and sources of heat. |
| <i>7.2 Storage:</i>  | Store in a cool and dark fire proof area with container tightly closed.<br>Keep refrigerated when not in use.  |

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## 8. Exposure controls/personal protection

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|------------------------------------|--|
| <i>8.1 Exposure limits:</i>        | ACGIH TLV.<br>None assigned.   |
| <i>8.2 Respiratory Protection:</i> | Not required (use protective gas mask for organic gas, if necessary) |
| <i>8.3 Hand Protection:</i>        | Latex or rubber gloves   |
| <i>8.4 Eye Protection:</i>         | Safety goggles (May be required)                                     |
| <i>8.5 Skin Protection:</i>        | Not required special measures  |

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## 9. Physical and chemical properties

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