

# MATERIAL SAFETY DATA SHEET

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

### 1.1 Product Name:

**BEAUTIFIL OPAQUER**

### 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: +81-75-561-2273

Section in Charge: Quality Assurance Section

Date Prepared: 2014.5.18

### 1.3 Emergency Telephone Number

+81-75-561-1112

## 2. Hazardous identification

### GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE LIQUIDS	Not Classified
	SELF-REACTIVE SUBSTANCES AND MIXTURES	Not Classified
	SUBSTANCES AND MIXTURES WHICH,IN CONTACT WITH WATER,EMIT FLAMMABLE GASAS	Not Classified
HEALTH HAZARDS	CORROSIVE TO METALS	Not Classified
	ACUTE TOXICITY-ORAL	Not Classified
	ACUTE TOXICITY-DERMAL	Not Classified
	ACUTE TOXICITY-INHALATION(VAPOURS)	Not Classified
	ACUTE TOXICITY-INHALATION(DUST,MIST)	Not Classified
	SKIN CORROSION/IRRITATION	Not Classified
	EYE DAMAGE/IRRITATION	Not Classified
	SENSITIZATION-SKIN	Not Classified
	TOXIC TO REPRODUCTION	Category 1A
ENVIRONMENTAL HAZARD	HAZARDOUS TO THE AQUATIC ENVIRONMENT-ACUTE HAZARD	Not Classified
	HAZARDOUS TO THE AQUATIC ENVIRONMENT-CHRONIC HAZARD	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

Danger

#### HAZARD STATEMENTS

May damage fertility or the unborn child

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## PRECAUTIONARY STATEMENTS

### [Prevention]

Obtain special instruction before use.

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

Use personal protective equipment as required.

### [Response]

Get medical advice/attention if you feel unwell.

### [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

<i>Composition</i>	<i>%</i>
Bis-GMA [Cas No.1565-94-2]	< 30
Triethylenglycol dimethacrylate [Cas No.109-16-0]	
Aluminofluoro-borosilicate glass [Cas No.65997-18-4]	40
Al <sub>2</sub> O <sub>3</sub> [Cas No.1344-28-1]	
Others	
Hazardous ingredients are not include.	

## 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 with plenty of soap and water. If on skin, skin irritation, get medical advice/attention.
- 4.3 Ingestion* : Rinse mouth. If you feel un-well, 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:* Powdery extinction medicine, Carbon dioxide, Fire foam, Dry sand
- 5.2 Extinguishing Media Should not be used :* N/A
- 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.

## 7.Handling and storage

- 7.1 Handling:* Avoid inhalation of grindings and prolonged skin contact with uncured resin.

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7.2 *Storage:* Store in a cool and dark area.(Keep refrigerated when not in use)

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## 8.Exposure controls/personal protection

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- 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.

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## 9.Physical and chemical properties

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- 9.1 *Appearance/Odour/pH* Colored putty-like paste with sweet odor  
 9.2 *Boiling Point/Boiling Range:* N/D  
 9.3 *Melting Point/Melting Range:* N/D  
 9.4 *Flash point:* N/D  
 9.5 *Auto flammability:* N/D  
 9.6 *Explosive Properties:* N/D  
 9.7 *Oxidizing Properties:* N/D  
 9.8 *Vapour Pressure:* N/D  
 9.9 *Relative Density:* 1.6 (water=1)  
 9.10 *Solubility: water solubility* Insoluble

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## 10.Stability and reactivity

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- 10.1 *Stability:* Stable under the normal condition.  
 10.2 *Reactivity:* Polymerization will occur with heat, light.  
 10.3 *Condition to avoid:* Visible light and high-temperature.  
 Keep away from source of ignition.(-electric discharge and smoking etc.)  
 10.4 *Materials to avoid:* 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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No information

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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)