

# SAFETY DATA SHEET

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

### 1.1 Product Name:

**CERAMAGE "OPAQUE & PREOPAQUE "**

### 1.2 Company /Undertaking identification

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

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

Phone: +81-75-561-1112

Fax: +81-75-275-4795

Section in Charge: Quality Assurance Section

Date Prepared: 2014.9.22

### 1.3 Emergency Telephone Number

+81-75-561-1112

## 2. Hazards identification

### GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE LIQUIDS	Not Classified
HEALTH HAZARDS	ACUTE TOXICITY-ORAL	Not Classified
	ACUTE TOXICITY-DERMAL	Not Classified
	SKIN CORROSION/IRRITATION	Not Classified
	EYE DAMAGE/IRRITATION	Category 2A
	SENSITIZATION-SKIN	Category 1
	GERM CELL MUTAGENICITY	Not Classified
	TOXIC TO REPRODUCTION	Not Classified
ENVIRONMENTAL HAZARD	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)	Not Classified
	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

Warning

#### HAZARD STATEMENTS

May cause allergic skin reaction  
Causes serious eye irritation

#### PRECAUTIONARY STATEMENTS

[Prevention]  
Obtain special instruction before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves and eye/face protection.  
Do not breathe dust/vapours.  
Contaminated work clothing should not be allowed out of the workspace.  
Wash hands thoroughly after handling.

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## [Response]

Take off contaminated clothing and wash before reuse.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: 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**

<i>Composition</i>	<i>%</i>	<i>Hazard type</i>
2-Hydroxy Ethyl Methacrylate [Cas No. 868-77-9]	4~7	<b>Xi</b>
Micro fumed silica (amorphous) [Cas No. 112945-52-5]	5~10	
UDMA [Cas No.72869-86-4]		
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**

<b>5.1 Suitable Extinguishing Media:</b>	CO <sub>2</sub> , Dry chemical, Foam
<b>5.2 Extinguishing Media Should not be used :</b>	N/A
<b>5.3 Special Exposure Hazards Arising:</b>	Irritation gases and fumes may emit.
<b>5.4 Special Protective Equipment:</b>	Wear fire protective cloth and self-contained breathing apparatus if necessary.

**6.Accidental release measures**

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

**7.Handling and storage**

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

**8.Exposure controls/personal protection**

<b>8.1Exposure limits:</b>	ACGIH TLV. None assigned.
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- 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 (Observe normal care when working with chemicals.)

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## 9. Physical and chemical properties

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- 9.1 *Appearance/Odour/pH* Creamy paste multiple shades yellowish white to yellowish brown with sweet odor from acrylate  
 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:* 1.69 (opaque); 1.57 (preopaque)  
 9.10 *Solubility: water solubility* Insoluble

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## 10. Stability and reactivity

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- 10.1 *Stability:* Stable under normal temperatures and pressures.  
 10.2 *Condition to Avoid:* Excessive heat (high temperature), open flames, ignition source, and exposure to sunlight.  
 10.3 *Materials to Avoid:* Strong oxidizing materials.  
 10.4 *Hazardous Decomposition Products:*  
 Will not occur.

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## 11. Toxicological information

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2-Hydroxy Ethyl Methacrylate ;				
Acute toxicity	Oral	rat		LD50 > 4000 mg/kg
	Dermal	rabbit		LD50 > 3000 mg/kg

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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.

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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)