

# SAFETY DATA SHEET

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

### 1.1 Product Name:

**Glaslonomer Base Cement "POWDER"**

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

Section in Charge: Quality Assurance Section

Date Prepared: 2014.9.22

### 1.3 Emergency Telephone Number

+81-75-561-1112

## 2. Hazardous identification

### GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE SOLIDS	Not Classified
	PYROPHORIC 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	OXIDIZING SOLIDS	Not Classified
	ACUTE TOXICITY-ORAL	Not Classified
	EYE DAMAGE/IRRITATION	Category 2B
	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)	Category 2(lung)

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

### LABEL ELEMENTS

#### SYMBOL



#### SIGNAL WORD

Warning

#### HAZARD STATEMENTS

Causes eye irritation  
Warning May cause damage to organs through prolonged or repeated exposure(lung)

#### PRECAUTIONARY STATEMENTS

[Prevention]  
Obtain special instruction before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Do not breathe dust.  
Wash hands thoroughly after handling.  
[Response]  
Get medical advice/attention if you feel unwell.  
IF IN EYES: Rinse cautiously with water for several minutes.

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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.

[Disposal]

Dispose of contents and container in accordance with regulation.

### 3. Composition/information on ingredients

<i>Composition</i>	<i>Content</i>
Alumino fluoro silicate glass	≐ 85%
Barium sulphate	≐ 15%

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 immediately with soap and plenty of water. If on skin, skin irritation, get medical advice/attention.

**4.3 Ingestion :** Rinse mouth and seek medical advice if necessary.

**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

**This product is non-flammable.**

**5.1 Suitable Extinguishing Media:** N/A

**5.2 Extinguishing Media Should not be used :** N/A

**5.3 Special Exposure Hazards Arising:** N/A

**5.4 Special Protective Equipment:** N/A

### 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:** Local dust extraction measures are recommended. Avoid prolonged inhalation. Handling of the product exclusively restrict to dental specialists, according to the instruction for use.

**7.2 Storage:** Store in a cool and dry conditions with lid tightly closed.

### 8. Exposure controls/personal protection

**8.1 Exposure limits:** ACGIH TLV.  
None assigned.

**8.2 Respiratory Protection:** Dust mask(may be)

**8.3 Hand Protection:** Latex or rubber gloves

**8.4 Eye Protection:** Safety goggles or eye protection.

**8.5 Skin Protection:** Not required. General protective overalls.

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## 9. Physical and chemical properties

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<i>9.1 Appearance/Odour/pH</i>	Yellowish white odorless powder
<i>9.2 Boiling Point/Boiling Range:</i>	N/D
<i>9.3 Melting Point/Melting Range:</i>	N/D
<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>	$\cong 2.3 \text{ g/cm}^3$
<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 recommended storage conditions.
<i>10.2 Reactivity:</i>	N/A
<i>10.3 Condition to avoid:</i>	Avoid direct sunlight and high temperature.
<i>10.4 Materials to avoid:</i>	N/A

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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.

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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)