

# MATERIAL SAFETY DATA SHEET

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

### 1.1 Product Name:

**LAMINA PORCELAIN**

### 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: 2011.11.25

### 1.3 Emergency Telephone Number

+81-75-561-1112

## 2. Hazardous identification

### GHS CLASSIFICATION

It is not possible to 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.

Do not breathe dust.

[Response]

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

If in eyes, rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

If eye irritation persists, get medical advice/attention.

[Storage]

Store under normal dry conditions.

[Disposal]

Dispose of contents and container in accordance with regulation.

## 3. Composition/information on ingredients

Glass component		%
SiO <sub>2</sub>	.....	55 ~ 60
Al <sub>2</sub> O <sub>3</sub>	.....	16 ~ 19
K <sub>2</sub> O	.....	9 ~ 11
Na <sub>2</sub> O	.....	5 ~ 7
SnO <sub>2</sub>	.....	4 ~ 5
CaO	.....	0 ~ 2
Others	.....	0 ~ 2
Colour materials	.....	0 ~ 7

No hazardous material are present in the ingredients.

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## 4. First-aid measures

- 4.1 *Eye contact* : Rinse cautiously with water for several minutes. If eye irritation persists, get medical advice/attention.
- 4.2 *Skin contact* : N/A
- 4.3 *Ingestion* : Rinse mouth.
- 4.4 *Inhalation*: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

## 5. Fire-fighting measures

- 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*: Don't breath dust.
- 6.2 *Methods for Cleaning Up*: Sweep and wipe up.

## 7. Handling and storage

- 7.1 *Handling*: Use in accordance with instruction. In case of grinding and polishing , wear dust mask and safety glasses, and using dust respirator and local exhaust.
- 7.2 *Storage*: Store in a cool, dry and dark place with lid tightly closed.

## 8. Exposure controls/personal protection

- 8.1 *Exposure limits*: Chemical name ACGIH TLV  
N/A
- 8.2 *Respiratory Protection*: Local exhaust and dust mask may be required.
- 8.3 *Hand Protection*: N/A
- 8.4 *Eye Protection*: Safety goggles may be required.
- 8.5 *Skin Protection*: N/A

## 9. Physical and chemical properties

- 9.1 *Appearance/Odor* Odorless powder
- 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*: approx.2.2
- 9.10 *Solubility*: *water solubility* Insoluble

## 10. Stability and reactivity

Stable under the normal condition.

## 11. Toxicological information

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)