

# MATERIAL SAFETY DATA SHEET

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

### 1.1 Product Name:

VINTAGE ZR PORCELAIN POWDER (Margin(Margin/Effect)/Body (Opaque Dentin/  
Body/Opal Porcelain/Opal Effect/Enamel Effect/Cervical/Color Effect)  
/Cervical Trans/Correction(Correction/Gum))/Uni-Layer

### 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: 2012.9.13

### 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 frit component	SiO <sub>2</sub>	.....	50 ~ 65%
	Al <sub>2</sub> O <sub>3</sub>	.....	10 ~ 20
	K <sub>2</sub> O	.....	5 ~ 10
	Na <sub>2</sub> O	.....	5 ~ 10
	CaO	.....	1 ~ 5
	B <sub>2</sub> O <sub>3</sub>	.....	0 ~ 5
	Sb <sub>2</sub> O <sub>3</sub>	.....	0 ~ 0.05
Others	.....	.....	0 ~ 5

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No hazardous material are present present in the ingredient..

## 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 under normal dry conditions.

## 8.Exposure controls/personal protection

- | 8.1 <i>Exposure limits</i> :        | Chemical name                                | CAS No. | ACGIH TLV |
|-------------------------------------|--|---------|-----------|
|                                     | N/A  |         |           |
| 8.2 <i>Respiratory Protection</i> : | Local exhaust and dust mask may be required. |         |           |
| 8.3 <i>Hand Protection</i> :        | N/A  |         |           |
| 8.4 <i>Eye Protection</i> :         | Safety goggles may be required.              |         |           |
| 8.5 <i>Skin Protection</i> :        | N/A  |         |           |

## 9.Physical and chemical properties

- 9.1 *Appearance/Odor* Odorless powder
- 9.2 *Boiling Point/Boiling Range*: N/A
- 9.3 *Melting Point/Melting Range*: N/A
- 9.4 *Flash point*: N/A
- 9.5 *Auto flammability*: N/A
- 9.6 *Explosive Properties*: N/A
- 9.7 *Oxidizing Properties*: N/A
- 9.8 *Vapour Pressure*: N/A
- 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

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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)