

# MATERIAL SAFETY DATA SHEET

## 1. Identification of the Product and the Company

### 1.1 Product Name:

**VINTAGE MP Opaque Porcelain**

### 1.2 Company /Undertaking identification

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

Address: 11-Kamitakamatsu-Cho Fukunine Higashiyamaku Kyoto 605-0983 ,JAPAN

Phone Number for Information: ++81-75-561-1112

Signature of Preparer:

Date Prepared: 2014.09.16

### 1.3 Emergency Telephone Number

++81-75-561-1112

## 2. Composition/Information on Ingredients

No hazardous material are present in the ingredient.

|                                      |       |
|--------------------------------------|-------|
| Powder contents(Glass frit,colorant) | ≐ 75% |
| others(1,3-Butanediol,Glycerol)      | ≐ 25% |

## 3. Hazardous Identification

|                                      |  |              |                   |
|--------------------------------------|--|--------------|-------------------|
| 3.1 Route of Entry :                 | Inhalation: may be   | Skin: may be | Ingestion: may be |
| 3.2 Health Hazard(Acute and Chronic) | At grinding and polishing work of this materials may arise the dusts that are similar to nuisance dust by ACGIH.-TLV.<br>Respirable dust may cause chronic lung injury.<br>Skin or eye contact may cause irritation.<br>Swallowing may be harmful. |              |                   |
| 3.3 Carcinogenicity                  | N/A  |              |                   |

## 4. First Aid Measures

|                    |  |
|--------------------|--|
| 4.1 Eye contact :  | Flush promptly with flowing water and consult physician, if necessary.   |
| 4.2 Skin contact : | Wash immediately with water and mild soap.                               |
| 4.3 Ingestion :    | Give at least 3-4 glasses of water and seek medial advice, if necessary. |
| 4.4 Inhalation:    | N/A  |

## 5. Fire-fighting Measures

|  |  |
|--|--|
| 5.1 Suitable Extinguishing Media:            | water, foam, CO <sub>2</sub> , powder                                  |
| 5.2 Extinguishing Media Should not be used : | N/A  |
| 5.3 Special Exposure Hazards Arising:        | in case of fire, gases and fumes may emit and acrolein escape possible |
| 5.4 Special Protective Equipment:            | N/A  |

## 6. Accidental Release Measures

|                              |          |
|------------------------------|----------|
| 6.1 Personal Precautions:    | N/A      |
| 6.2 Methods for Cleaning Up: | Wipe up. |

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## 7. Handling And Storage

- 7.1 Handling:* Use in accordance with instruction in the well ventilated area.  
In case of grinding and polishing , wear dastmask and safety glasses, and using dust respirator and local exhaust..
- 7.2 Storage:* Store in a cool, dry and dark place with lid closed, and away from food and beverages.

## 8. Exposure Controls/Personal Protection

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

## 9. Physical And Chemical Properties

|  |   |
|--|---|
| <i>9.1 Appearance/Odor</i>               | viscous, odorless paste                                   |
| <i>9.2 Boiling Point/Boiling Range:</i>  | >100°C  |
| <i>9.3 Melting Point/Melting Range:</i>  | N/A   |
| <i>9.4 Flash point:</i>                  | N/A   |
| <i>9.5 Auto flammability:</i>            | N/A   |
| <i>9.6 Explosive Properties:</i>         | N/A   |
| <i>9.7 Oxidizing Properties:</i>         | N/A   |
| <i>9.8 Vapour Pressure:</i>              | N/A   |
| <i>9.9 Relative Density:</i>             | approx.2  |
| <i>9.10 Solubility:</i> water solubility | liquid content is soluble, solid contents are not soluble |

## 10. Stability And Reactivity

Stable. Keep away from oxidising material.

## 11. Toxicological Information

N/A

## 12. Ecological Information

## 13. Disposal Conditions

Disposal in accordance with federal, state and local regulations.

## 14. Transport Information

No special precautions are required.

## 15. Regulatory Information

## 16. Other Information

Handling of this product exclusively by dental specialists according to instruction for use.