

# MATERIAL SAFETY DATA SHEET

## 1. Identification of the Product and the Company

### 1.1 Product Name:

**Vintage Art Stain**

### 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: 2007.02.01

### 1.3 Emergency Telephone Number

81-75-561-1112

## 2. Composition/Information on Ingredients

70-80% ceramic glass powder and pigments	ceramic glass component	
	SiO <sub>2</sub>	..... 47 ~ 62 %
30-20% propylene glycol	Al <sub>2</sub> O <sub>3</sub>	..... 7 ~ 10
	K <sub>2</sub> O	..... 2 ~ 4
	Na <sub>2</sub> O	..... 8 ~ 10
	B <sub>2</sub> O <sub>3</sub>	..... 9 ~ 12
	CaO	..... 3 ~ 4
No hazardous material are present in the ingredient.	Pigment	..... 0 ~ 10

## 3. Hazardous Identification

- 3.1 Route of Entry : Inhalation: may be Skin: N/A Ingestion: N/A
- 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. Respirable dust may cause chronic lung injury.
- 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 : N/A
- 4.3 Ingestion : N/A
- 4.4 Inhalation: N/A

## 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: N/A
- 6.2 Methods for Cleaning Up: 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..

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7.2 *Storage:* Store in a cool, dry and dark place with lid tightly closed..

## 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>	N/A		
<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 various colored paste(Pink,Yellow,Blue,Dark red brown, Light brown,Orange,Black,White,Grey)		
<i>9.2 Boiling Point/Boiling Range:</i>	N/A		
<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.2.0		
<i>9.10 Solubility:</i>	<i>water solubility</i>	liquid content is soluble, solid contents are not soluble	

## 10.Stability And Reactivity

Stable

## 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.