

SAFETY DATA SHEET

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

1.1 Product Name:

CERAMAGE "FLOWABLE COMPOSITE RESIN"

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: +81-75-275-4795

Section in Charge: Quality Assurance Section

Date Prepared: 2014.9.22

1.3 Emergency Telephone Number

+81-75-561-1112

2. Hazards identification

GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE LIQUIDS	Not Classified
HEALTH HAZARDS	ACUTE TOXICITY-ORAL	Not Classified
	ACUTE TOXICITY-DERMAL	Not Classified
	SKIN CORROSION/IRRITATION	Category 2
	EYE DAMAGE/IRRITATION	Category 2A
ENVIRONMENTAL HAZARD	HAZARDOUS TO THE AQUATIC ENVIRONMENT-ACUTE HAZARD	Not Classified
	HAZARDOUS TO THE AQUATIC ENVIRONMENT-CHRONIC HAZARD	Not Classified

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

LABEL ELEMENTS

SYMBOL



SIGNAL WORD

Warning

HAZARD STATEMENTS

Causens skin irritation
Causens serious eye irritation

PRECAUTIONARY STATEMENTS

[Prevention]

Obtain special instruction before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves and eye/face protection.

Wash hands thoroughly after handling.

[Response]

Take off contaminated clothing and wash before reuse.

IF ON SKIN: Wash with plenty of soap and water.

If skin ir ritation occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

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[Storage]

Store in a cool and dark area.(Keep refrigerated when not in use)

[Disposal]

Dispose of contents and container in accordance with regulation.

3.Composition/information on ingredients

<i>Composition</i>	<i>%</i>
Zirconium siliate filler (amorphas)[Cas No.14940-68-2]	≐ 40
UDMA[Cas No.72869-86-4]	
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. Get medical advice/attention.
- 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

- 5.1 Suitable Extinguishing Media:** CO₂, Dry chemical, Foam
- 5.2 Extinguishing Media Should not be used :** N/A
- 5.3 Special Exposure Hazards Arising:** In case of fire, do not breath fumes and gases. (Irritation gases and fumes may emit.)
- 5.4 Special Protective Equipment:** Wear fire protective cloth and self-contained breathing apparatus if necessary.

6.Accidental release measures

- 6.1 Personal Precautions:** N/A
- 6.2 Environmental Precautions:** 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:** Avoid inhalation of grindings and prolonged skin contact with uncured resin.
- 7.2 Storage:** Store in a cool and dark area.(Keep refrigerated when not in use)

8.Exposure controls/personal protection

- 8.1Exposure limits:** ACGIH TLV.
Zirconium siliate filler(amorphas) TWA 5mg(Zr)/m³
STEL 10mg(Zr)/m³
- 8.2 Respiratory Protection:** Use dust mask while grinding or finishing.
- 8.3 Hand Protection:** Latex or rubber gloves
- 8.4 Eye Protection:** Safety goggles (May be required)
- 8.5 Skin Protection:** Not required (Observe normal care when working with chemicals.)

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9. Physical and chemical properties

<i>9.1 Appearance/Odour/pH</i>	Colored low consistency paste with sweet odor
<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>	1.54 (water=1)
<i>9.10 Solubility: water solubility</i>	Insoluble

10. Stability and reactivity

<i>10.1 Stability:</i>	Stable under normal temperatures and pressures.
<i>10.2 Condition to Avoid:</i>	Excessive heat (high temperature), open flames, ignition source, and exposure to sunlight.
<i>10.3 Materials to Avoid:</i>	Strong oxidizing materials.
<i>10.4 Hazardous Decomposition Products:</i>	Will not occur.

11. Toxicological information

No information

12. Ecological information

The product should not be allowed to drain into sewers.

13. Disposal considerations

Dispose of contents/container to in accordance with local/regional/national/international regulations.

14. Transport information

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.

15. Regulatory information

Follow all regulations in your country.

16. Other information

This product is intended for use by dental professionals. (instrument/material)