

SAFETY DATA SHEET

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

1.1 Product Name:

CERAMAGE "OXY BARRIER "

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: +81-75-561-2273

Section in Charge: Quality Assurance Section

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1.3 Emergency Telephone Number

+81-75-561-1112

2. Hazards identification

GHS CLASSIFICATION

HEALTH HAZARDS	EYE DAMAGE/IRRITATION	Category 2B
	GERM CELL MUTAGENICITY	Not Classified

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

LABEL ELEMENTS

SYMBOL	—
SIGNAL WORD	Warning

HAZARD STATEMENTS Causes 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]

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 in a cool and dark area.

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

<i>Composition</i>	<i>%</i>
Glycerin [Cas No. 56-81-5]	> 70
Polyethylene Glycol [Cas No. 25322-68-3]	
Water [Cas No. 7732-18-5]	
Others	

Hazardous ingredients are not include.

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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. If you feel un-well, 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:* Water, 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:* See section 8.
- 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:* Keep away from direct sunlight or heat.

8. Exposure controls/personal protection

- 8.1 *Exposure limits:*
- | | |
|----------|---|
| Glycerin | ACGIH TLV-TWA 10 mg/m ³ |
| | OSHA PEL:TWA 15 mg/m ³ (total) |
| | :TWA 5mg/m ³ (resp) |
- 8.2 *Respiratory Protection:* Local exhaust
- 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.)

9. Physical and chemical properties

- 9.1 *Appearance/Odour/pH* Blue colored paste
- 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:* 1.25 (water=1)
- 9.10 *Solubility: water solubility* Soluble

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10. Stability and reactivity

- 10.1 Stability:* Stable under normal temperatures and pressures.
- 10.2 Condition to Avoid:* Avoid exposure to direct sun light on the container.
- 10.3 Materials to Avoid:* Strong oxidizing materials.
- 10.4 Hazardous Decomposition Products:*
Will not occur.

11. Toxicological information

Glycerin			
Inhalation	rat	LC50	> 570 mg/m ³ /1H
Oral	mouse	LD50	4090 mg/kg
	rat	LD50	12600 mg/kg
Dermal	rabbit	LD50	> 10g/kg
Polyethylene Glycol			
Oral	mouse	LD50	29 g/kg
	rat	LD50	30200 mg/kg
	rabbit	LD50	26800 mg/kg
Dermal	rabbit	LD50	> 20 g/kg

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)