

MATERIAL SAFETY DATA SHEET

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

1.1 Product Name:

VINTAGE MARGIN HARDENING LIQUID

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: 2011.9.16

1.3 Emergency Telephone Number

+81-75-561-1112

2. Hazardous Identification

GHS CLASSIFICATION

| | | |
|----------------------|---|-------------|
| HEALTH HAZARDS | SKIN CORROSION/IRRITATION | Category 2 |
| | EYE DAMAGE/IRRITATION | Category 2A |
| ENVIRONMENTAL HAZARD | HAZARDOUS TO THE AQUATIC ENVIRONMENT-ACUTE HAZARD | Category 3 |

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
Harmful to aquatic life

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.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

[Response]
If on skin, wash with plenty of soap and water. If on skin, skin irritation, 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]

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Store under normal dry conditions. Keep containers tightly closed.

[Disposal]

Dispose of contents and container in accordance with regulation.

3.Composition/information on ingredients

| | |
|-----------------------------------|-------|
| Water | > 50% |
| Propylene Glycol [Cas No.57-55-6] | |
| Others | |

No hazardous materials are present in the ingredients.

4.First-aid measures

- 4.1 Eye contact :* Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical advice, if necessary.
- 4.2 Skin contact :* Flush skin with plenty of soap and water. Get medical aid if irritation develops or persists.
- 4.3 Ingestion :* Seek medical advice, if necessary.
- 4.4 Inhalation:* Remove to fresh air. Get medical attention for any breathing difficulty.

5.Fire-fighting measures

- 5.1 Suitable Extinguishing Media:* Carbon dioxide, Dry chemical powder, Foam, Water
- 5.2 Extinguishing Media Should not be used :* N/A
- 5.3 Special Exposure Hazards Arising:* Irritation gasses 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:* Avoid contact with eyes and skin.
- 6.2 Methods for Cleaning Up:* Wipe up and discard in a suitable container.

7.Handling and storage

- 7.1 Handling:* Use in accordance with instruction in the well ventilated area.
- 7.2 Storage:* Store under normal dry conditions. Keep containers tightly closed.

8.Exposure controls/personal protection

- 8.1Exposure limits:* N/A
- 8.2 Respiratory Protection:* Local exhaust may be required.
- 8.3 Hand Protection:* Latex and 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/Odor* Odorless liquid
- 9.2 Boiling Point/Boiling Range:* > 100
- 9.3 Melting Point/Melting Range:* N/D
- 9.4 Flash point:* N/D

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| | |
|-----------------------------------|---------|
| 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: | 1.02 |
| 9.10 Solubility: water solubility | Soluble |

10. Stability and reactivity

- 10.1 Stability: Stable under normal temperatures and pressures.
- 10.2 Condition to avoid: Heat, flames, ignition sources and incompatibles.
- 10.3 Material to avoid: Strong oxidizing agents, acid chlorides, acid anhydrides, reducing agents.
- 10.4 Hazardous Decomposition Products:
Toxic gases and vapors may be released if involved in a fire.

11. Toxicological information

Propylene Glycol ;
Oral, rat: LD50 = 20 g/kg;
Oral, mouse: LD50 = 24 g/kg;
Oral, rabbit: TD50 = 19.2 m/kg;

12. Ecological information

No information

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)