

# MATERIAL SAFETY DATA SHEET

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

### 1.1 Product Name:

VINTAGE Halo "OPAQUE 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       | ACUTE TOXICITY-ORAL                                       | Not Classified |
|                      | ACUTE TOXICITY-INHALATION(DUST,MIST)                      | Not Classified |
|                      | SKIN CORROSION/IRRITATION                                 | Not Classified |
|                      | EYE DAMAGE/IRRITATION                                     | Not Classified |
|                      | SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE) | Not Classified |
| 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

HAZARD STATEMENTS

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.

# MATERIAL SAFETY DATA SHEET

If eye irritation persists, get medical advice/attention.

[Storage]

Store container tightly closed in cool/well-ventilated place.

[Disposal]

Dispose of contents and container in accordance with regulation.

## 3.Composition/information on ingredients

|                                   |       |
|-----------------------------------|-------|
| Water                             | > 90% |
| 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*: Toxic, irritating fumes or smoke may be emitted.
- 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

- 8.1 *Exposure 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

# MATERIAL SAFETY DATA SHEET

|                                   |         |
|-----------------------------------|---------|
| 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:             | 1.01    |
| 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)