

SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier*1.1 Product Name:***VINTAGE MP "OPAQUE LIQUID"***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

Date Prepared: 2014.9.29

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]
Store under normal dry conditions. Keep containers tightly closed.

SAFETY DATA SHEET

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

1,3-Butanediol [107-88-0]	> 50%
Propylene Glycol [Cas No.57-55-6]	
Glycerol [56-81-5]	
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. Get medical advice/attention.
- 4.2 Skin contact :** Flush skin with plenty of soap and water. Get medical advice/attention, if skin irritation or rash occurs.
- 4.3 Ingestion :** Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.
- 4.4 Inhalation:** Remove to fresh air. Get medical attention for any breathing difficulty.

5. Fire-fighting measures

- 5.1 Suitable Extinguishing Media:** Foam, CO₂, Powder
- 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

- 8.1 Exposure limits:** As Glycerin Mist:
 - OSHA Permissible Exposure Limit (PEL):
 Total Dust: 15 mg/m³ (TWA);
 Respirable Fraction: 5 mg/m³(TWA).
 - ACGIH Threshold Limit Value (TLV):
 10 mg/m³
- 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.)

SAFETY DATA SHEET

9. Physical and chemical properties

9.1 Appearance/Odor	Colorless viscous liquid with sweet odor.
9.2 Boiling Point/Boiling Range:	> 100°C
9.3 Melting Point/Melting Range:	N/D
9.4 Flash point:	112°C
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:	1.05
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

1,3-Butanediol ;	Oral, rat: LD50 = 18610 mg/kg; Oral, mouse: LD50 = 12980 mg/kg; Skin, rabbit: LD50 = >20 gm/kg;
Propylene Glycol ;	Oral, rat: LD50 = 20 g/kg; Oral, mouse: LD50 = 24 g/kg; Oral, rabbit: TD50 = 19.2 mg/kg;
Glycerol ;	Oral rat LD50: 12,600 mg/kg. Investigated as a mutagen, reproductive effector.

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)