

MATERIAL SAFETY DATA SHEET

1. Identification of the Product and the Company

1.1 Product Name:

VINTAGE Mixing Liquid-HC

1.2 Company /Undertaking identification

Manufacturer's Name: **SHOFU INC.**

Address: 11-Kamitakamatsu-Cho Fukunine Higashiyamaku Kyoto 605-0983 ,JAPAN

Phone Number for Information: ++81-75-561-1112

Signature of Preparer:

Date Prepared: 2009.2.27

1.3 Emergency Telephone Number

++81-75-561-1112

2. Composition/Information on Ingredients

1,3-Butanediol water mixture.

No hazardous materials are present in the ingredients.

3. Hazardous Identification

3.1 Route of Entry : Inhalation: N/A Skin: may be Ingestion: may be

3.2 Health Hazard(Acute and Chronic) Eyes or skin contact may cause irritation.

3.3 Carcinogenicity N/A

4. First Aid Measures

4.1 Eye contact : Rinse immediately with plenty of water and seek medical advice, if necessary.

4.2 Skin contact : Wash with water and mild soap.

4.3 Ingestion : Seek medical advice, if necessary.

4.4 Inhalation: Rest in the fresh air.

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: Chemical name CAS No. ACGIH TLV
All ingredients are not assigned.

8.2 Respiratory Protection: Local exhaust may be required.

8.3 Hand Protection: Latex and rubber gloves

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- 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

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| 9.1 <i>Appearance/Odor</i> | Colorless odorless liquid |
| 9.2 <i>Boiling Point/Boiling Range:</i> | approx 100 °C |
| 9.3 <i>Melting Point/Melting Range:</i> | < 0°C |
| 9.4 <i>Flash point:</i> | N/A |
| 9.5 <i>Auto flammability:</i> | > 300°C |
| 9.6 <i>Explosive Properties:</i> | N/D |
| 9.7 <i>Oxidizing Properties:</i> | N/D |
| 9.8 <i>Vapour Pressure:</i> | N/D |
| 9.9 <i>Relative Density:</i> | 1.01 |
| 9.10 <i>Solubility: water solubility</i> | soluble |

10. Stability And Reactivity

- 10.1 *Condition to avoid:* Stable in the normal condition.
10.2 *Material to avoid:* Avoid contact with strong alkali and prolonged open flame.
10.3 *Hazardous Decomposition Products:* May arise propylen.

11. Toxicological Information

N/A

12. Ecological Information

13. Disposal Conditions

Wash away spilt liquid with plenty of water.

14. Transport Information

No special precautions are required.

15. Regulatory Information

16. Other Information

Handling of this product exclusively by dental specialists according to instruction for use.