

MATERIAL SAFETY DATA SHEET

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

1.1 Product Name:

UNI VEST FREE "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 2011.9.21

1.3 Emergency Telephone Number

+81- 75- 561- 1112

2. Hazards identification

GHS CLASSIFICATION

It is not possible to 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.

Do not breathe dust/fume/gas/mist/vapours/spray.

Keep container tightly closed.

Wash hands thoroughly after handling.

[Response]

If in eyes, rinse cautiously with water for several minutes. If eye irritation persists, get medical advice/attention.

If on skin, wash with plenty of soap and water.

If you feel un- well, get medical advice/attention.

[Storage]

Store in a dark and cool place indoors, with containers tightly closed.

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

Colloidal Silica (Amorphous)

25~ 45 %

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 with soap and water. If on skin, skin irritation, get medical advice/attention.

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- 4.3 *Ingestion* : Rinse mouth. Get medical advice/attention.
 4.4 *Inhalation*: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. Fire-fighting measures

These product is non-flammable.

- | | |
|---|-----|
| 5.1 <i>Suitable Extinguishing Media</i> : | N/A |
| 5.2 <i>Extinguishing Media Should not be used</i> : | N/A |
| 5.3 <i>Special Exposure Hazards Arising</i> | N/A |
| 5.4 <i>Special Protective Equipment</i> : | N/A |

6. Accidental release measures

- | | |
|--------------------------------------|---|
| 6.1 <i>Personal Precautions</i> : | See section 8 |
| 6.2 <i>Methods for Cleaning Up</i> : | Absorb with sand or vermiculite, and wipe up with a dust cloth.
Collect in the plastic bag and remove to a safe place. |

7. Handling and storage

- | | |
|----------------------|--|
| 7.1 <i>Handling</i> | Avoid contact with skin, eyes and clothing. Avoid generating dust and/or mist. |
| 7.2 <i>Storage</i> : | Store under normal dry conditions. Keep containers closed. Protect from frost. |

8. Exposure controls/personal protection

- | | | |
|-------------------------------------|--|-------------------------|
| 8.1 <i>Exposure limits</i> : | CAS No. | O.E.L.mg/m ³ |
| Amorphous Silica Dust | 7631-86-9 | 3 |
| 8.2 <i>Respiratory Protection</i> : | Dust mask | |
| 8.3 <i>Hand Protection</i> : | Latex or rubber gloves | |
| 8.4 <i>Eye Protection</i> : | Safety goggles (May be required) | |
| 8.5 <i>Skin Protection</i> : | Not required. General protective overalls. | |

9. Physical and chemical properties

- | | |
|--|--|
| 9.1 <i>Appearance/Odour/pH</i> | Odourless slightly yellow translucent liquid |
| 9.2 <i>pH</i> | 8~ 10 |
| 9.3 <i>Amorphous Silica content</i> : | 25- 45% |
| 9.4 <i>Flash point</i> : | N/D |
| 9.5 <i>Auto flammability</i> : | N/D |
| 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> : | ≈ 1.2 - 1.3 (water=1) |
| 9.10 <i>Solubility: water solubility</i> | Soluble |

10. Stability and reactivity

These product is considered to be stable.

11. Toxicological information

May cause irritation on contact with skin or eyes. Prolonged exposure to amorphous silica mist or dusts may cause respiratory disease.

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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)