

# MATERIAL SAFETY DATA SHEET

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

### 1.1 Product Name:

HI DENSE XP "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 2012.6.7

### 1.3 Emergency Telephone Number

+81- 75- 561- 1112

## 2. Hazards identification

### GHS CLASSIFICATION

It is not possible to classify it.

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.

Keep container tightly closed.

[Response]

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

[Storage]

Store in a cool and dark area.

[Disposal]

Dispose of contents and container in accordance with regulation.

## 3. Composition/information on ingredients

### Composition

Polyacrylic acid [Cas No.9003- 01- 4] > 20%

L(+)- Tartaric Acid [Cas No.87- 69- 4] 1~20%

Deionised water

Others

Hazardous ingredients are not include.

## 4. First- aid measures

4.1 Eye contact : May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

4.2 Skin contact : May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms

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- persist.
- 4.3 *Ingestion* : May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.
- 4.4 *Inhalation* : May cause irritation to mucous membranes. Move the exposed person to fresh air.

## 5. Fire-fighting measures

- 5.1 *Suitable Extinguishing Media*: Use extinguishing media appropriate to the surrounding fire conditions.
- 5.2 *Extinguishing Media Should not be used*: N/A
- 5.3 *Special Exposure Hazards Arising*: Burning produces irritating, toxic and obnoxious fumes.
- 5.4 *Special Protective Equipment*: Wear suitable respiratory equipment when necessary.

## 6. Accidental release measures

- 6.1 *Personal Precautions*: Ensure adequate ventilation of the working area.
- 6.2 *Environmental Precautions*: Do not allow product to enter drains. Prevent further spillage if safe.
- 6.3 *Methods for Cleaning Up*: Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. Handling and storage

- 7.1 *Handling*: Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
- 7.2 *Storage*: Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. Exposure controls/personal protection

- 8.1 *Exposure limits*: ACGIH TLV.  
None assigned.
- 8.2 *Respiratory Protection*: Local exhaust
- 8.3 *Hand Protection*: Latex or rubber gloves
- 8.4 *Eye Protection*: Safety goggles (eyeshields )
- 8.5 *Skin Protection*: General protective overalls.

## 9. Physical and chemical properties

- 9.1 *Appearance/Odour/pH*: Colorless viscous liquid with perceptible odor.
- 9.2 *Boiling Point/Boiling Range*:  $\approx 100^{\circ}\text{C}$
- 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*:  $\approx 1.13$
- 9.10 *Solubility: water solubility*: Soluble

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**10. Stability and reactivity**

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<i>10.1 Stability:</i>	Stable under normal conditions.
<i>10.2 Reactivity:</i>	N/A
<i>10.3 Condition to avoid</i>	Avoid direct sunlight and high temperature.
<i>10.4 Materials to avoid</i>	N/A

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**11. Toxicological information**

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May cause irritation to skin and eyes.

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**12. Ecological information**

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No data is available on this product.

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**13. Disposal considerations**

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Dispose of contents/container to in accordance with local/regional/national/international regulations.

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**14. Transport information**

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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

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**15. Regulatory information**

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No Significant Hazard.

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**16. Other information**

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This product is intended for use by dental professionals. (instrument/material)