

# MATERIAL SAFETY DATA SHEET

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

### 1.1 Product Name:

**HI DENSE XP " POWDER "**

### 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

PHYSICAL HAZARDS	FLAMMABLE SOLIDS	Not Classified
	PYROPHORIC LIQUIDS	Not Classified
	SELF- HEATING SUBSTANCES AND MIXTURES	Not Classified
	SUBSTANCES AND MIXTURES WHICH, IN CONTACT WITH WATER, EMT FLAMMABLE GASAS	Not Classified
HEALTH HAZARDS	OXIDIZING SOLIDS	Not Classified
	CORROSIVE TO METALS	Not Classified
	ACUTE TOXICITY- ORAL	Not Classified
	ACUTE TOXICITY- DERMAL	Not Classified
	SKIN CORROSION/IRRITATION	Not Classified
	EYE DAMAGE/IRRITATION	Category 2A
	SENSITIZATION- SKIN	Category 1
	CARCINOGENICITY	Not Classified
	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)	Category 1 (respiratory system)
	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)	Category 1 (respiratory, eye) Category 2 (liver, lung)
ENVIRONMENTAL HAZARD	HAZARDOUS TO THE AQUATIC ENVIRONMENT- CHRONIC HAZARD	Category 4

The thing without mention is out of a classification object. Or cannot classify it.

### LABEL ELEMENTS

#### SYMBOL



#### SIGNAL WORD

Danger

#### HAZARD STATEMENTS

May cause allergic skin reaction  
Causes serious eye irritation  
Causes damage to organs (respiratory system)  
Causes damage to organs through prolonged or repeated exposure

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(respiratory,eye)

Warning May cause damage to organs through prolonged or repeated exposure(liver,lung)

May cause harmful to aquatic life with long lasting effects

## 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.

Do not eat,drink or smoke when using this product.

Keep container tightly closed.

Wash hands thoroughly after handling.

Contaminated work clothing should not be allowed out of the workspace.

Avoid release to the environment.

[Response]

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

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.

Wash contaminated clothing before reuse.

[Storage]

Store in a cool and dark area.

[Disposal]

Dispose of contents and container in accordance with regulation.

## 3.Composition/information on ingredients

### *Composition*

Glass Powder [Cas No.65997- 18- 4] 60~80 %

Polyacrylic acid powder [Cas No.9003- 01- 4]

Silver alloy

Tartalic acid

## 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 . 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

**This product is non-flammable.**

5.1 *Suitable Extinguishing Media:*

Use extinguishing media appropriate to the surrounding fire conditions.

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<i>5.2 Extinguishing Media Should not be used:</i>	N/A
<i>5.3 Special Exposure Hazards Arising</i>	Burning produces irritating toxic and obnoxious fumes.
<i>5.4 Special Protective Equipment:</i>	Wear suitable respiratory equipment when necessary.

## 6. Accidental release measures

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

## 7. Handling and storage

<i>7.1 Handling</i>	Avoid contact with eyes and skin. Ensure adequate ventilation. Avoid prolonged inhalation. Manual Handling considerations when handling, carrying and dispensing.
<i>7.2 Storage:</i>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. Exposure controls/personal protection

<i>8.1 Exposure limits:</i>	ACGIH TLV. None assigned.
<i>8.2 Respiratory Protection:</i>	Dust mask (may be)
<i>8.3 Hand Protection:</i>	Latex gloves (may be required)
<i>8.4 Eye Protection:</i>	Safety goggles (eyeshields)
<i>8.5 Skin Protection:</i>	Overalls

## 9. Physical and chemical properties

<i>9.1 Appearance/Odour/pH</i>	Grey odourless powder
<i>9.2 Boiling Point/Boiling Range:</i>	N/D
<i>9.3 Melting Point/Melting Range:</i>	N/D
<i>9.4 Flash point:</i>	N/D
<i>9.5 Auto flammability:</i>	N/D
<i>9.6 Explosive Properties:</i>	N/D
<i>9.7 Oxidizing Properties:</i>	N/D
<i>9.8 Vapour Pressure:</i>	N/D
<i>9.9 Relative Density:</i>	≈ 2.5
<i>9.10 Solubility: water solubility</i>	Insoluble

## 10. Stability and reactivity

<i>10.1 Stability:</i>	Stable under recommended storage 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

## 11. Toxicological information

No data is available on this product.

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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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Follow all regulations in your country.

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**16. Other information**

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