

# MATERIAL SAFETY DATA SHEET

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

### 1.1 Product Name:

**SUPER MELT**

### 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 2012.10.22

### 1.3 Emergency Telephone Number

81- 75- 561- 1112

## 2. Hazardous identification

### GHS CLASSIFICATION

PHYSICAL HAZARDS	PYROPHORIC LIQUIDS SUBSTANCES AND MIXTURES WHICH, IN CONTACT WITH WATER, EMIT FLAMMABLE GASES	Not Classified Not Classified
HEALTH HAZARDS	ACUTE TOXICITY- ORAL	Category 5

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

### LABEL ELEMENTS

SYMBOL	—
SIGNAL WORD	Warning

HAZARD STATEMENTS May be harmful if swallowed

### PRECAUTIONARY STATEMENTS

[Prevention]

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

Wash hands thoroughly after handling

[Response]

If on skin, wash with plenty of soap and water. If skin irritation or rash occurs: get medical advice/attention.

IF SWALLOWED: Rinse mouth. Get medical advice/attention if you feel unwell.

[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

Chelate compounding agent	25~35%
Water	65~75%

## 4. First-aid measures

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- 4.1 Eye contact :* Wash eyes carefully for several minutes with water. Take off contact lenses if easily removed, and continue to wash eyes afterwards.  
If eye irritation persists, get medical advice/attention.
- 4.2 Skin contact :* Wash with soap and plenty water. If skin irritation or rash occurs: Get medical advice/attention.
- 4.3 Ingestion :* Rinse mouth. Call a doctor if you feel unwell.
- 4.4 Inhalation:* Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptom concerning breath goes out, call a POISON CENTER to doctor.

### 5. Fire-fighting measures

- 5.1 Suitable Extinguishing Media:* Foam. Carbon dioxide. BCF (where regulations permit). Dry chemical powder. Dry sand.
- 5.2 Extinguishing Media Should not be used :* N/A
- 5.3 Special Exposure Hazards Arising* In case of fire, do not breathe fumes and gases. (Irritation gases and fumes may emit.)
- 5.4 Special Protective Equipment:* In fire-extinguishing activity, wear an appropriate air breathing apparatus and full protective clothing for chemicals

### 6. Accidental release measures

- 6.1 Personal Precautions:* Isolate the site as a leak area by providing a zone that has an appropriate width to all directions.
- 6.2 Environmental Precautions:* Dispose according to local, state and federal regulations.  
Do not release into environment.  
Pay attention not to cause the influence on the environment by discharging into rivers.
- 6.3 Methods for Cleaning Up:* Collect spillages in empty container using a vacuum, waste cloth, dry sand, etc. Flush a floor fully.  
After rinsing away, neutralizing is desirable.

### 7. Handling and storage

Since this product is a chelating agent, it reacts with metallic parts and there is a possibility to cause corrosion or damage of them. The use of container or other equipment made from SUS316 or suitable resin etc. is recommended.

- 7.1 Handling* Provide ventilation system and Use necessary personal protective equipment as "8. Exposure Controls/Personal Protection."
- 7.2 Storage:* Store under normal dry conditions. Keep containers closed.  
Keep in a cool place. Keep away from direct sunlight.

### 8. Exposure controls/personal protection

- 8.1 Exposure limits:* N/A
- 8.2 Respiratory Protection:* Wear an adequate protective apparatus for respiratory organs.  
Dust mask
- 8.3 Hand Protection:* Wear adequate personal protective gloves.  
Latex or rubber gloves
- 8.4 Eye Protection:* Use an adequate personal eye protector.  
Safety goggles

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*8.5 Skin Protection:*           Wear the personal protective clothing  
Use impervious protective clothing (e.g. apron, rubber boots etc.)  
if needed.

### 9. Physical and chemical properties

<i>9.1 Appearance/Odour/pH</i>	Liquid (transparence)
<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>	0.85
<i>9.10 PH:</i>	8.5
<i>9.11 Solubility:    water solubility</i>	Soluble

### 10. Stability and reactivity

<i>10.1 Stability:</i>	This product is considered stable under usual condition.
<i>10.2 Possibility of hazardous Reaction:</i>	Hazardous polymerization will not occur.
<i>10.3 Conditions to Avoid</i>	Contact with oxidizers. High- temperature material. Spark. Naked flame.
<i>10.4 Hazardous Decomposition Products:</i>	Nitrogen oxides.

### 11. Toxicological information

No information available.

### 12. Ecological information

No information available.

### 13. Disposal considerations

*13.1 Residual Waste:*  
Incinerate in small portions with an incinerator or entrust to an industrial waste disposal company approved by the local authority.  
Discharge, treatment, or disposal may be subjected to national, state, or local laws.

*13.2 Contaminated Container and Packaging*  
If possible, clean up and recycle. Or perform suitable processing in accordance with regulation.  
Remove residual contents completely before an empty container is discarded.

### 14. Transport information

Check the container for any leaks and breakages. Load up carefully to prevent a fall, a overturning and a breakage. Carry out prevention to unloading of cargo.

Airline restriction information ; It doesn't correspond.  
UN No. ; It doesn't correspond.

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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)

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