



# SAFETY DATA SHEET

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Zirconomer Improved

Printing date: November 10, 2015

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

### 1.1 Product identifier

Trade Name:

**Zirconomer Improved**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

### 1.3 Application of the substance/the preparation

Dental material

### 1.4 Details of the supplier of the safety data sheet

Company/Undertaking identification

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

Address: 11 Kamitakamatsu-cho, Fukuine, Higashiyama-ku, Kyoto 605-0983, JAPAN

Phone: +81-75-561-1112

Fax: +81-75-275-4795

Section in Charge: Quality Assurance Section

### 1.5 Emergency Telephone Number

+81-75-561-1112

## 2. Hazards identification

### GHS CLACCIFICATION

It is not possible to classify it.

### LABEL ELEMENTS

SYMBOL —

SIGNAL WORD —

HAZARD STATEMENTS —

### PRECAUTIONARY STATEMENTS

[Prevention]

Do not handle until all safety precautions have been read and understood.

Wear protective gloves and eye/face protection.

Do not breathe dust.

[Response]

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

[Storage]

Store under normal dry conditions.

[Disposal]

Dispose of contents and container in accordance with regulation.

## 3. Composition/information on ingredients

### 3.1 Chemical characterization: Mixtures

### 3.2 Description: Mixture of substances listed below with nonhazardous additions.

### 3.3 Dangerous components: Void

Glass Powder [Cas No.65997-18-4] 90 - 100%

### 3.4 Additional information: For the wording of the listed risk phrases refer to section 2



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## 4. First-aid measures

### 4.1 Description of first aid measures

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

Skin contact: Wash off immediately with plenty of soap and water.

Ingestion: DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

Inhalation: Move the exposed person to fresh air.

### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## 5. Fire-fighting measures

### 5.1 Extinguishing Media:

Use extinguishing media appropriate to the surrounding fire conditions.

### 5.2 Special hazards arising from the substance or mixture:

Burning produces irritating, toxic and obnoxious fumes.

### 5.3 Advice for firefighters:

Wear suitable respiratory equipment when necessary.

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

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 and material for containment and cleaning Up:

Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

### 6.4 Reference to other section:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7. Handling and storage

### 7.1 Precautions for safe 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 Conditions for safe storage, including any incompatibilities:

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

### 7.3 Specific end use(s):

No further relevant information available.

## 8. Exposure controls/personal protection

### 8.1 Control parameters:



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Not further data; see item 7.

## 8.2 Exposure controls:

Respiratory Protection:

Dust mask

Hand Protection: Chemical resistant gloves (PVC).

Eye Protection: Approved safety goggles.

Skin Protection: Wear suitable protective clothing.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance: Powder

Colour: Off white

Odour: No data available

### 9.2 Other information

No further relevant information available.

## 10. Stability and reactivity

### 10.1 Reactivity:

No data available.

### 10.2 Chemical stability:

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions:

No data available.

### 10.4 Condition to Avoid:

Heat.

### 10.5 Incompatible materials:

No data available.

### 10.6 Hazardous Decomposition Products:

No data is available on this product.

## 11. Toxicological information

### 11.1 Information on toxicological effects:

No further relevant information available.

## 12. Ecological information

### 12.1 Toxicity:

No further relevant information available.

### 12.2 Persistence and degradability:

No further relevant information available.

### 12.3 Bioaccumulative potential:

No further relevant information available.

### 12.4 Mobility in soil:

No further relevant information available.

### 12.5 Results of PBT and vPvB assessment:

Not applicable.

### 12.6 Other adverse effects:



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No further relevant information available.

## 13. Disposal considerations

### 13.1 Waste treatment methods:

Dispose of in compliance with all local and national regulations.

Disposal methods: For disposal within the EC, the appropriate code according to the European Waste Catalogue(EWC) should be used.

Disposal of packaging: Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## 14. Transport information

- |   |  |
|---|--|
| 14.1 UN number:   | Void   |
| 14.2 UN proper shipping name:   | Void   |
| 14.3 Transport hazard class(es):  | Void   |
| 14.4 Packing group:   | Void   |
| 14.5 Environmental hazards:   | No   |
| 14.6 Special precautions for user:  | Not applicable.  |
| 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | The product is not classified as dangerous for carriage. |

## 15. Regulatory informati

Follow all regulations in your country.

## 16. Other information

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