

MATERIAL SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier*1.1 Product Name:***CRISTOBALITE PF***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 2011.9.20

1.3 Emergency Telephone Number

81-75-561-1112

2. Hazards identification

GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE SOLIDS	Not Classified
	PYROPHORIC SOLIDS	Not Classified
	SELF-HEATING SUBSTANCES AND MIXTURES	Not Classified
	SUBSTANCES AND MIXTURES WHICH, IN CONTACT WITH WATER, EMISSION FLAMMABLE GASES	Not Classified
HEALTH HAZARDS	GERM CELL MUTAGENICITY	Not Classified
	CARCINOGENICITY	Category 1A
	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)	Category 1 (respiratory system)
	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)	Category 1 (respiratory system, kidney)

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

LABEL ELEMENTS

SYMBOL



SIGNAL WORD

Danger

HAZARD STATEMENTS

May cause causing cancer
 Causes damage to organs (respiratory)
 Warning May cause damage to organs through prolonged or repeated exposure (respiratory system, kidney)

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.

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

Wash hands thoroughly after handling

[Response]

If in eyes, rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

MATERIAL SAFETY DATA SHEET

If eye irritation persists, get medical advice/attention.
 If on skin, wash with plenty of soap and water. If on skin, skin irritation, get medical advice/attention.
 If you feel un-well, get medical advice/attention.
 [Storage]
 Store under normal dry conditions. Keep containers closed.
 [Disposal]
 Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

Cristobalite [Cas No.14464-46-1]
 Quartz [Cas No.14808-60-7]
 Gypsum [Cas No.10034-76-1]
 Others

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 plenty of soap and water. If on skin, skin irritation, get medical advice/attention.
4.3 Ingestion : Rinse mouth. Get medical advice/attention.
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

This product is non-flammable.

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

6. Accidental release measures

- | | |
|-------------------------------------|---|
| <i>6.1 Personal Precautions:</i> | See section 8 |
| <i>6.2 Methods for Cleaning Up:</i> | Small quantities can be washed to drain with plenty water.
Large quantities should be collected by wet sweeping or vacuum. |

7. Handling and storage

- | | |
|---------------------|--|
| <i>7.1 Handling</i> | Local dust extraction measures are recommended. |
| <i>7.2 Storage:</i> | Store under normal dry conditions. Keep containers closed. |

8. Exposure controls/personal protection

- | | |
|------------------------------------|--|
| <i>8.1 Exposure limits:</i> | ACGIH TLV |
| Gypsum | 10 mg/m ³ (TWA) |
| Quartz | 0.025 mg/m ³ (TWA) A2 |
| <i>8.2 Respiratory Protection:</i> | Dust mask |
| <i>8.3 Hand Protection:</i> | Latex or rubber gloves |
| <i>8.4 Eye Protection:</i> | Safety goggles (May be required) |
| <i>8.5 Skin Protection:</i> | Not required. General protective overalls. |

9. Physical and chemical properties

MATERIAL SAFETY DATA SHEET

9.1 Appearance/Odour	Odourless powder
9.2 Boiling Point/Boiling Range:	N/D
9.3 Melting Point/Melting Range:	≅ 1000°C
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:	≅ .24 (water=1)
9.10 Solubility: water solubility	Insoluble

10.Stability and reactivity

This powder is considered to be stable, but can react with hydrofluoric acid .

11.Toxicological information

Prolonged exposure to respirable crystalline silica may cause chronic lung injury(silicosis).

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)