

Material – Safety Data Sheet

1. Identification of the substance/preparation and of the company

1.1 Identification of the product

Chemical Name:	Glass Ceramic
Product Name:	SNF PressCeram Ingots (PC)
CAS Reg. Nr.:	Not Applicable
Formula:	Not Applicable

1.2 Application of the product

For dental ceramic restoration with hot-press-applications

1.3 Company

Swiss NF Metals Inc.
156 Duncan mill Rd. Unit 19
Toronto, ON M3B 3N2
Tel: 416-510-2220 Toll Free: 1-800-387-5031
Fax: 416-510-2207
Email: info@swissnf.com
Website: www.swissnf.com

1.4 Emergency telephone number

International emergency call number – **112 (Europe)**
International emergency call number – **911 (North America)**

2. Composition/ Information on ingredients

97-99-9% (SiO₂, Al₂O₃, K₂O, Na₂O, CaO, B₂O₃, CeO₂, TiO₂, BaO)
0.1-3% (Pigments)

3. Possible hazards

3.1 Classification

No hazardous product as specified in Directive 67/548-EWG.

3.2 Additional hazards

unknown

4. First Aid Measures

Cause	Removal
Inhalation	No specific measures known
Skin contact	No specific measures known

Eye contact	Rinse with plenty of water
Swallow	No specific measures known

5. Fire-Fighting measures

Indication	Remarks
Suitable extinguishing media	No restrictions in case of fire
Unsuitable extinguishing media	Unknown
Special risks	Unknown
Special protective equipment	No applicable

6. Accidental release measures

6.1 Person-related precautionary measures

Not required

6.2 Environmental protection measures

Mechanical collection and hold in a suitable container

6.3 Procedures for cleaning

Unknown

7. Handling and storage

7.1 Handling

No special measures required

7.2 Storage

Recommended storage temperature: +12°C to +38°C. Store under dry conditions

Measures against explosions are not required.

7.3 Special Application (-s)

See instruction for use

8. Exposure Control and Personal Protection

8.1 Limited exposure values

Not applicable, in case of use as directed

8.2 Limitation and Control of Exposure

Not applicable, in case of use as directed

8.2.1 Limitation and Control of Exposure for the Working Place

Protection	Description
Respiratory protection	Wear respiratory protection mask while working
Hand protection	Not applicable

Eye protection	Wear eye protection glasses while working
Body protection	No protection measures are required

8.2.2 Limitation and Control of Environmental Exposure

Not required

9. Physical and Chemical Properties

9.1 General Information

	Description
Color	Various colors
Physical State/Appearance	ingot
Odour	Odourless

9.2 Important information on health and environment protection and safety

	Description
pH Value	Not applicable
Boiling Point	Not applicable
Flash point	Not applicable
Flammability	Not applicable
Melting Point	Approx. 1000°C
Risk for explosion	Explosion limits not applicable
Fire supporting features	Not applicable
Vapor Pressure	Not applicable
Relative density	Approx. 2,4 g/cm ³
Solubility	Insoluble in water
Coefficient of flow	Not applicable
Viscosity	Not applicable
Vapor density	Not applicable
Evaporation speed	Not applicable

9.3 Additional information

Not required

10. Stability and Reactivity

10.1 Conditions to avoid

Thermal decomposition: not applicable

10.2 Substances to avoid

No dangerous reactions observed

10.3 Dangerous decomposition products

No dangerous decomposition products observed

11. Toxicological Information

11.1 Verification of toxicological actions

No harmful actions have been observed with the use of this product

11.2 Practical experiences

No harmful actions have been observed with the use of this product

12 Ecological Information

12.1 Ecological toxicity

No harmful action known so far.

12.2 Mobility

See point 9 for other physical or chemical properties

12.3 Persistency and Degradability

The material is not biologically degradable nor soluble in water

12.4 Bioaccumulative potential

Not applicable

12.5 Other damaging effects

Not known

13 Disposal considerations

13.1 Product

Disposal under consideration of the official regulations

13.2 Recommendation

Consideration of the official regulations

14 Transport Information

Information	Description
UN-Number	No record
Class	No record
Proper Shipping Name	No record
Packing Group	No record
Marine Pollutant	No record
Other relevant information	No hazard goods according to the transport regulations. No special precaution measures.

15. Regulations

14.1 Labeling

Labeling	Description
Symbols	PC – Type I, Class 2
Risk phrases	Not required
Safety phrases	Not required
Special Labeling	According to the available data, the product is not hazardous according to the chemical law, resp. declaration on hazardous substances, Batch number required

15.2 National Regulations

Regulation	Description
Indication on employment limitation	<input type="checkbox"/> Applicable
	<input type="checkbox"/> Inapplicable
Incident Reg	<input type="checkbox"/> Applicable
	<input type="checkbox"/> Inapplicable
Classification according to Safety Reg: Technical instruction Air	<input type="checkbox"/> Applicable
	<input type="checkbox"/> Inapplicable
Water hazard Class	<input type="checkbox"/> Applicable
	<input type="checkbox"/> Inapplicable
Indications to Directive 1999/13/EC on the Emission limitation on volatile organic compounds (VOC's Directive)	<input type="checkbox"/> Applicable
	<input type="checkbox"/> Inapplicable
Other regulations	<input type="checkbox"/> Applicable
	<input type="checkbox"/> Inapplicable
Limitations and prohibited regulations	<input type="checkbox"/> Applicable
	<input type="checkbox"/> Inapplicable

16. Other information

The information contained herein is based on the present state of knowledge. The Safety Data Sheet describes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.