

SAFETY DATA SHEET (GHS)

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE/PRODUCT AND MANUFACTURER/IMPORTER**1.1 Product identifier:-**

Product name: | IPS InLine PoM Ingots
Product number: | Void

1.2 Other means of identification:-

Not applicable.

1.3 Recommended use of the chemical and restrictions on use:-

Not applicable.

Identified uses:

| Leucite metal-ceramic
 | Manufacture of dental prosthesis

1.4 Details of the manufacturer and importer:-**Manufacturer:**

| Ivoclar Vivadent AG
 | Bendererstrasse 2
 | FL-9494 Schaan
 | PRINCIPALITY OF LIECHTENSTEIN
 | Tel: +423 235 35 35
 | Fax: +423 235 33 60

Importer:

| Ivoclar Vivadent Pty Ltd
 | 1- 5 Overseas Drive Noble Park North VIC 3174
 | Tel: + 61 3 9795 9599 Fax: + 61 3 9795 9645
 | Email: info@ivoclarvivadent.com

1.5 Emergency phone number:

| 13 11 26
 | Poisons Hotline (24 hours / 7 days)

2. HAZARD(S) IDENTIFICATION**2.1 GHS Classification:-**

Void

2.2 GHS Label elements, including precautionary statements:-

Hazard Pictogram: | Void |
Signal word: | Void |
Hazard-determining components of labelling: | Void |
Hazard statements: | Void |
Precautionary statements: | Void |

2.3 Additional information: Void**Other hazards:-**

| Avoid breathing sanding dust /swarf

Results of PBT and vPvB assessment;

PBT: | Not applicable.

vPvB: | Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of substances listed below with nonhazardous additions.

Ingredient name	CAS No.	Classification	Concentration
ceramic materials	66402-68-4		

4. FIRST AID MEASURES**4.1 Description of necessary first aid measures:-****If inhaled:**

| Grinding dust: Supply fresh air; consult doctor in case of complaints

In case of skin contact:
In case of eye contact:

Generally the product does not irritate the skin.
 Grinding dust: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 Mechanical effects only.

If swallowed:

Grinding dust: Rinse out mouth and then drink plenty of water.
 If symptoms persist consult doctor

4.2 Symptoms caused by exposure:-

No further relevant information available

4.3 Medical attention and special treatment:-

No further relevant information available.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing equipment:-

Suitable extinguishing media:

The product is not flammable.

Unsuitable extinguishing media:

No further relevant information available.

5.2 Specific hazards arising from the substance/mixture/product:-

No further relevant information available.

5.3 Special protective equipment and precautions for fire fighters:-

Special personal protective equipment:

No further relevant information available

Precautions:

No further relevant information available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:-

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions:-

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and materials for containment and cleaning up:-

Pick up mechanically.

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:-

Only adequately trained personnel should handle this product.

For use in dentistry only.

7.2 Conditions for safe storage, including any incompatibilities:-

Store only in the original receptacle.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure control measures:-

Occupational exposure limits:

Component	CAS No.	Value	Parameters	Basis
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Ingredients with biological limit values:

8.2 Biological monitoring:-

The lists valid during the making were used as basis.

Exposure controls / Personal protective equipment / General protective and hygienic measures:

Usual hygienic measures for dental practice.

8.3 Control banding:-

Use good industrial hygiene practice and general ventilation.

8.4 Engineering controls:-

Void

8.5 Individual protection measures include PPE:-

Eye/face protection:



Safety glasses

Always wear safety goggles during mechanical processing (grinding, sawing /cutting, drilling, milling). Use tightly fitting safety glasses as per Australian Standard AS 1336 and AS/NZS 1337.

Skin protection:



Protection of hands:

Not Required

Respiratory protection:



Use respiratory protective device against the effects of dust.

9. PHYSICAL/CHEMICAL PROPERTIES

9.1 Information on physical/chemical properties:-

a) Appearance/Form:	Solid
b) Colour:	According to product specification
c) Odour:	Odourless
d) Odour threshold:	Not determined.
e) pH value at 20°C:	Not determined.
f) Melting point/melting range:	Not determined.
g) Boiling point/boiling range:	Not determined.
h) Flash point:	Not determined.
i) Ignition temperature:	Not determined.
j) Self-igniting:	Product is not self-igniting.
k) Danger of explosion:	Not determined.
l) Upper/lower flammability or explosive limits:	Lower Not determined. Upper Not determined.
m) Vapour pressure 20°C:	Not determined.
n) Density at 20°C:	Not determined.
o) Relative density:	Not determined.
p) Vapour density:	Not applicable.
q) Evaporation rate:	Not applicable.
r) Solubility in/miscibility with water:	Insoluble.
s) Partition coefficient: n- octanol/water:	Not determined.
t) Viscosity:	Dynamic Not applicable. Kinematic Not applicable.
u) Solids content:	Not determined.

10. STABILITY AND REACTIVITY

10.1 Reactivity:-

No further relevant information available.

10.2 Chemical stability:-
 Stable under normal handling and storage conditions.
Thermal decomposition / conditions to be avoided:
 No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions:-
 No dangerous reactions known.

10.4 Conditions to avoid:-
 No further relevant information available.

10.5 Incompatible materials:-
 No further relevant information available.

10.6 Hazardous decomposition products:-
 None under normal conditions of storage and use.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:-
Acute toxicity / Values relevant for classification:

Skin corrosion/irritation:	No irritant effect.
Serious eye damage/eye irritation:	No irritating effect.
Respiratory or skin sensitization:	No sensitising effects known
Germ cell mutagenicity:	No further relevant information available.
Carcinogenicity:	No further relevant information available.
Reproductive toxicity:	No further relevant information available.
Specific target organ toxicity - single exposure:	No further relevant information available.
Specific target organ toxicity - repeated exposure:	No further relevant information available.
Aspiration hazard:	No further relevant information available.
Additional information:	No further relevant information available

11.2 Information on possible routes of exposure:-

Short Term (Acute) Exposure:	No further relevant information available.
Swallowed:	No further relevant information available.
Eyes:	No further relevant information available.
Skin:	No further relevant information available.
Inhaled:	No further relevant information available.
Long Term (Chronic) Exposure:	No further relevant information available.
Swallowed:	No further relevant information available.
Eyes:	No further relevant information available.
Skin:	No further relevant information available.
Inhaled:	No further relevant information available.

11.3 Early onset symptoms related to exposure:-
 No further relevant information available.

11.4 Delayed health effects from exposure:-
 No further relevant information available.

11.5 Exposure levels and health effects:-
 No further relevant information available.

11.6 Interactive effects:-
 No further relevant information available.

11.7 Other:-
 No further relevant information available.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:-
 No further relevant information available.

12.2 Persistence/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 Other adverse effects:-

No further relevant information available.

Additional ecological information / General notes:-

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.6 Other adverse effects:-

No further relevant information available.

13. DISPOSAL CONSIDERATIONS**13.1 Disposal methods:-**

Take to an approved landfill or a waste incineration plant, under conditions approved by the local authority.

Uncleaned packaging:

· **Recommendation:** Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION**UN number ADR / IMDG / IATA:-**

Void.

UN proper shipping name or technical name:-**ADR:**

Void.

IMDG, IATA:

Void.

Transport hazard class(es):

Void.

Label:

Void.

Packaging group:

Void.

Environmental hazards:

Not applicable.

Special precautions for user:

Not applicable.

Danger code:

Void.

EMS Number:

Void.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable.

Transport/Additional information:

Product is not classified as a dangerous good for transport (ADR, IMDG, IATA).

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance/mixture/product:-**

The product is a medical device according to the Directive 93/42/EEC.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION**Key to abbreviations/acronyms used in SDS:-**

Void

Key literature references/data sources used to compile SDS:-

Void

Copyright statement:-

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:-

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

GHS: Globally Harmonised System of Classification and Labelling of Chemicals.

EINECS: European Inventory of Existing Commercial Chemical Substances.

ELINCS: European List of Notified Chemical Substances.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

LC50: Lethal concentration, 50 percent.

LD50: Lethal dose, 50 percent.

Flam. Liq. 2: Flammable liquids, Hazard Category 2.

Flam. Liq. 3: Flammable liquids, Hazard Category 3.

Acute Tox. 4: Acute toxicity, Hazard Category 4.

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2.

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2.

Repr. 2: Reproductive toxicity, Hazard Category 2.

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3.

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2.

Asp. Tox. 1: Aspiration hazard, Hazard Category 1.

*** Data compared to the previous version altered**

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