

EU Safety Data Sheet

IPS Empress Cosmo Ingot



Date of issue / Reference

23.03.2005 hot

Replaces version of

30.01.2001

Date of printing

23.03.2005 **Sheet No. 1224**

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Company

Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Principality of Liechtenstein

1 Commercial product name and supplier

1.1 Commercial product name /
Designation

IPS Empress Cosmo Ingot

1.2 Application / Use

Ceramic

1.3 Producer

Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Fürstentum Liechtenstein

1.4 Supplier

1.5 TOX emergency number

Emergency-Call: +423 / 235 35 35 or 373 40 40
Ivoclar Vivadent AG, FL-9494 Schaan, Liechtenstein

2 Composition

2.1 Chemical characterization

Ceramic ingots made of: SiO₂, ZrO₂, Al₂O₃, P₂O₅, Li₂O, Na₂O,
K₂O, F and pigments

2.2 Hazardous components

None.

2.3 Further information

None.

3 Hazards identification

Grinding dust (see 8.3.1).

4 First aid measures

4.1 Eye contact

Flush eyes with plenty of water; mechanical effects only.

4.2 Skin contact

No specific requirements.

4.3 Ingestion

Give large amounts of water.

4.4 Inhalation

Take into fresh air.

4.5 Further information

None.

5 Fire-fighting measures

5.1 Suitable extinguishing media

No specific requirements.
not combustible

5.2 Extinguishing media to avoid

None.

5.3 Further information

None.

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6 Accidental release measures

Clean up mechanically.
Dispose of according to local and national regulations.

7 Handling and storage

- 7.1 Handling Only adequately trained personnel should handle this product.
Keep out of reach of children.
- 7.2 Industrial hygiene Usual hygienic measures for dental practice.
When using, do not eat, drink or smoke.
- 7.3 Storage Store in a dry place.
- 7.4 Place of storage Do not storage at temperatures greater than 25 °C.
- 7.5 Fire- and explosion-protection None.
-

8 Exposure controls / Personal protection

- 8.1 Technical measures Provide adequate local ventilation.
- 8.2 Control of threshold limits Producer Industry recommends an exposure limit of 1.5 mg/m³.
- 8.3 Personal protective equipment
- 8.3.1 Respiratory protection Respiratory Protection. Avoid inhalation of dust while grinding.
In dusty atmospheres, use an approved dust respirator.
- 8.3.2 Hand protection Not required.
- 8.3.3 Eye protection Safety goggles.
- 8.3.4 Other None.
-

9 Physical and chemical properties

- 9.1 Appearance Ingot
- 9.2 Colour white
- 9.3 Odour odourless
- 9.4 Change of physical state Test method:

- 9.5 Density not known
- 9.6 Vapour pressure not applicable
- 9.7 Viscosity not applicable

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9.8 Solubility

Solubility in

non soluble

9.9 pH

not applicable

9.10 Flash point

not applicable

9.11 Ignition temperature

not applicable

9.12 Explosion limits

Lower:
Upper:
not applicable

9.13 Further information

None.

10 Stability and reactivity

10.1 Thermal decomposition

None.

10.2 Hazardous decomposition products

None.

10.3 Hazardous reactions

None.

10.4 Further information

None.

11 Toxicological information

11.1 Acute toxicity

This product is not hazardous according to EEC criteria.

11.2 Subacute / Chronic toxicity

No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

11.3 Further information

None.

12 Ecological information

No ecological problems to be anticipated if properly handled and used.
non soluble

13 Disposal considerations

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

13.1 EU waste key

08 02 99

14 Transport information

14.1 Transport at land

ADR

RID

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	UN Number	---	Kemler Number	---
	Packing Group	---		
	Proper shipping name	---		
14.2	Transport at sea	ADNR	IMDG	---
	UN Number	---		
	EMS	---	MFAG	---
	Packing Group			
	Proper shipping name	---		
14.3	Air transport	ICAO / IATA-DGR	---	
	UN Number	---		
	Proper shipping name	---		
	Subsidiary Risk	---		
	Labels	---		
	Packing Group	---		
	Passenger airplane	Packing Instructions	---	
		max.	---	
	Cargo Airplane	Packing Instructions	---	
		max.	---	
14.4	Further information	Product is not classified for any mode of transportation.		

15 Regulatory information

This product does not require classification according to the criteria of the EC.
The product is a medical device according to the EC-directive 93/42.

15.1 UN number

15.2 National regulations

15.3 EU number

15.4 Hazard symbols

15.5 Hazard designation

15.6 Risk phrases

15.7 Safety phrases

15.8 MAK value

15.9 BVD classification (CH)

15.10 VbF (D)

15.11 Further information

None.

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16 Other information

Version: 3

Changes: 2.2 / 13.1

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.

This safety data sheet has been generated with the safety database 'ChemManager',
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