

EU Safety Data Sheet

IPS e.max Ceram Pastes
shades, glaze material



Date of issue / Reference

02.09.2005 hot

Replaces version of

Date of printing

17.10.2005 **Sheet No. 1611**

Page 1 of 5

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 e.max Ceram Pastes shades, glaze material**
- 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 Pastes made of:
60-70 % Ceramic powder and pigments
30-40 % Glycole and glycerin
- 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.
- 4.2 Skin contact Wash thoroughly with water.
- 4.3 Ingestion Give large amounts of water.
- 4.4 Inhalation No specific requirements.
- 4.5 Further information None.

5 Fire-fighting measures

- 5.1 Suitable extinguishing media No specific requirements.
- 5.2 Extinguishing media to avoid None.
- 5.3 Further information While burning it produces carbon dioxide and carbon monoxide.

EU Safety Data Sheet

IPS e.max Ceram Pastes
shades, glaze material



Date of issue / Reference

02.09.2005 hot

Replaces version of

Date of printing

17.10.2005 **Sheet No. 1611**

Page 2 of 5

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 at 12-28 °C / 54-82 °F.
- 7.4 Place of storage Store in a dry place.
- 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 Do not breathe vapour.
- 8.3.2 Hand protection Not required.
- 8.3.3 Eye protection Eye protection should not be necessary.
- 8.3.4 Other None.
-

9 Physical and chemical properties

- 9.1 Appearance Paste
- 9.2 Colour different
- 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

EU Safety Data Sheet

IPS e.max Ceram Pastes
shades, glaze material



Date of issue / Reference

02.09.2005 hot

Replaces version of

Date of printing

17.10.2005 **Sheet No. 1611**

Page 3 of 5

9.8 Solubility

Solubility in

partially miscible

9.9 pH

not known

9.10 Flash point

> 200 °C

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.
Avoid breathing vapours.

11.3 Further information

None.

12 Ecological information

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

13 Disposal considerations

Take to a special waste incineration plant, in line with local regulations.

13.1 EU waste key

18 01 07

14 Transport information

14.1 Transport at land

ADR

RID

EU Safety Data Sheet

IPS e.max Ceram Pastes
shades, glaze material



Date of issue / Reference

02.09.2005 hot

Replaces version of

Date of printing

17.10.2005 **Sheet No. 1611**

Page 4 of 5

	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

The product is a medical device according to the EC-directive 93/42/EEC.

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.

EU Safety Data Sheet

IPS e.max Ceram Pastes
shades, glaze material



Date of issue / Reference 02.09.2005 hot

Replaces version of

Date of printing 17.10.2005 **Sheet No. 1611**

Page 5 of 5

16 Other information

Version: 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',
© ASSiST Applied Software Solutions in Science and Technology AG, Weiherweg 3, CH-4104 Oberwil, Switzerland

91/155/EEC