

EU Safety Data Sheet

IPS e.max Crystall./Glaze Liquid



Date of issue / Reference 26.06.2007 lise / Version 1
Replaces version of
Date of printing 26.06.2007 **Sheet No. 1695**

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 Crystall./Glaze Liquid**
- 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 Butanediol
- 2.2 Hazardous components None.
- 2.3 Further information None.
-

3 Hazards identification

None.

4 First aid measures

- 4.1 Eye contact Flush eyes with plenty of water (10-15 min.). Call a physician.
- 4.2 Skin contact Wash thoroughly with water.
- 4.3 Ingestion No hazards anticipated from swallowing small amounts incidentally to normal handling.
- 4.4 Inhalation Take into fresh air.
- 4.5 Further information Remove contaminated clothing.
-

5 Fire-fighting measures

- 5.1 Suitable extinguishing media Water fog, carbon dioxide, foam, dry chemicals.
- 5.2 Extinguishing media to avoid Do not use direct water stream.
- 5.3 Further information Cool containers in the vicinity of the blaze using a water spray.
Exposed to the heat of a fire the product may decompose, releasing toxic fumes.
-

EU Safety Data Sheet

IPS e.max Crystall./Glaze Liquid



Date of issue / Reference 26.06.2007 lise / Version 1
Replaces version of
Date of printing 26.06.2007 **Sheet No. 1695**

Page 2 of 5

6 Accidental release measures Dispose of according to local and national regulations.

7 Handling and storage

- 7.1 Handling Only adequately trained personnel should handle this product.
- 7.2 Industrial hygiene Avoid eye and skin contact.
Usual hygienic measures are necessary.
- 7.3 Storage Store at 12-28 °C / 54-82 °F.
- 7.4 Place of storage Store containers tightly closed in a well ventilated area.
- 7.5 Fire- and explosion-protection Not required.
-

8 Exposure controls / Personal protection

- 8.1 Technical measures Ensure adequate venting.
- 8.2 Control of threshold limits None established.
- 8.3 Personal protective equipment
- 8.3.1 Respiratory protection Do not breathe vapour.
- 8.3.2 Hand protection Gloves.
- 8.3.3 Eye protection Safety goggles.
- 8.3.4 Other Eye wash fountain should be located in immediate work area.
-

9 Physical and chemical properties

- 9.1 Appearance Liquid
- 9.2 Colour transparent colourless
- 9.3 Odour practically odourless
- 9.4 Change of physical state Test method:
Boiling point > 200 °C
- 9.5 Density > 1.005 g/cm³ (20°C)
- 9.6 Vapour pressure 0.06 mbar (20°C)
- 9.7 Viscosity not known

EU Safety Data Sheet

IPS e.max Crystall./Glaze Liquid



Date of issue / Reference 26.06.2007 lise / Version 1
Replaces version of
Date of printing 26.06.2007 **Sheet No. 1695**

Page 3 of 5

9.8 Solubility
water

soluble

9.9 pH not determined

9.10 Flash point > 100 °C

9.11 Ignition temperature > 390 °C

9.12 Explosion limits
Lower: > 1.9 Vol%
Upper:

9.13 Further information

10 Stability and reactivity

10.1 Thermal decomposition None, if used in accordance to instructions.

10.2 Hazardous decomposition products None under normal conditions of storage and use.
Combustion products include: Carbon monoxide and carbon dioxide

10.3 Hazardous reactions With strong oxidisers.

10.4 Further information Product is hygroscopic.

11 Toxicological information

11.1 Acute toxicity Oral LD50 for rats: 18610 mg/kg

11.2 Subacute / Chronic toxicity None, if used in accordance to instructions.

11.3 Further information Excessive exposure may cause eye and respiratory irritation.

12 Ecological information

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

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 18 01 07

14 Transport information

14.1 Transport at land ADR --- RID ---

UN Number --- Kemler Number

EU Safety Data Sheet

IPS e.max Crystall./Glaze Liquid



Date of issue / Reference

26.06.2007 lise / Version 1

Replaces version of

Date of printing

26.06.2007 **Sheet No. 1695**

Page 4 of 5

	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 as a dangerous good for transport.		

15 Regulatory information

This product does not require classification according to the criteria of the EC.

15.1 UN number

15.2 National regulations

15.3 EU number

203-529-7

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

EU Safety Data Sheet

IPS e.max Crystall./Glaze Liquid



Date of issue / Reference 26.06.2007 lise / Version 1
Replaces version of
Date of printing 26.06.2007 **Sheet No. 1695**

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