

EU Safety Data Sheet

IPS e.max Ceram Glaze and Stains
Liquid, allround



Date of issue / Reference

19.05.2010

liprt

Replaces version of

05.04.2007

lise / v4

Date of printing

19.05.2010

Sheet No. 1616

Version 5

Page 1 of 5

Edited

Deleted

Company

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

1 Commercial product name and supplier

1.1 Commercial product name /
Designation

**IPS e.max Ceram Glaze and Stains Liquid,
allround**

1.2 Application / Use

Ceramic

1.3 Producer

Ivoclar Vivadent AG, Bändererstrasse 2, FL - 9494 Schaan
Fürstentum Liechtenstein
msds@ivoclarvivadent.com

Supplier

1.4 TOX emergency number

Official

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

2 Hazards identification

None.

3 Composition

3.1 Chemical characterization

Butanediol (CAS No. 107-88-0)

3.2 Hazardous components

None.

3.3 Further information

None.

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

Rinse mouth with plenty of water. If you feel unwell, seek medical
advice (show this safety data sheet).

4.4 Inhalation

Remove to fresh air. If respiratory irritation is experienced, call a
physician.

4.5 Further information

None.

5 Fire-fighting measures

5.1 Suitable extinguishing media

Water fog, carbon dioxide, foam, dry chemicals.

EU Safety Data Sheet

IPS e.max Ceram Glaze and Stains
Liquid, allround



Date of issue / Reference

19.05.2010

liprt

Replaces version of

05.04.2007

lise / v4

Date of printing

19.05.2010

Sheet No. 1616

Version 5

Page 2 of 5

Edited

Deleted

5.2 Extinguishing media to avoid Do not use direct water stream.

5.3 Further information None.

6 Accidental release measures
Clean up with absorbent material such as sawdust, diatomaceous earth or universal absorbents.
Do not allow to flow off into the drains or waters.
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 for dental practice.

7.3 Storage
Keep containers tightly closed.
Store at 12-28 °C / 54-82 °F.

7.4 Place of storage Store in a dry place.

7.5 Fire- and explosion-protection Not required.

8 Exposure controls / Personal protection

8.1 Exposure controls No specific requirements.

8.2 Exposure limit values None established.

8.3 Occupational exposure controls

8.3.1 Respiratory protection Not required.

8.3.2 Hand protection Gloves.

8.3.3 Eye protection Safety goggles.

8.3.4 Other None.

8.4 Environmental exposure controls Not relevant.

9 Physical and chemical properties

9.1 Appearance liquid

9.2 Colour transparent, colourless

9.3 Odour practically odourless

EU Safety Data Sheet

IPS e.max Ceram Glaze and Stains
Liquid, allround



Date of issue / Reference

19.05.2010

liprt

Replaces version of

05.04.2007

lise / v4

Date of printing

19.05.2010

Sheet No. 1616

Version 5

Page 3 of 5

Edited

Deleted

9.4 Change of physical state

Test method:

Melting point

not determined

Boiling point

203 °C

9.5 Density

1.01 g/cm³ (20°C)

9.6 Vapour pressure

0.1 hpa (20°C)

9.7 Viscosity

not determined

9.8 Solubility

Solubility in water

miscible

9.9 pH

ca. 7

9.10 Flash point

108 °C

9.11 Ignition temperature

394 °C

9.12 Explosion limits

Lower: 1.9 Vol%

Upper: --- Vol%

9.13 Further information

Part. coeff. n-octanol/water

Evaporat. rate

None.

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.

10.3 Conditions / materials to avoid

None, if used in accordance to instructions.

10.4 Further information

None.

11 Toxicological information

11.1 Acute toxicity

Oral LD50 for rats: > 18.000 mg/kg

11.2 Subacute / Chronic toxicity

Excessive exposure may cause eye, skin and respiratory irritation.

11.3 Further information

Excessive exposure may cause eye and respiratory irritation.

EU Safety Data Sheet

IPS e.max Ceram Glaze and Stains
Liquid, allround



Date of issue / Reference

19.05.2010

liprt

Replaces version of

05.04.2007

lise / v4

Date of printing

19.05.2010

Sheet No. 1616

Version 5

Page 4 of 5

Edited

Deleted

12 Ecological information

12.1	Ecotoxicity	No data available.
12.2	Mobility	No data available.
12.3	Persistence and degradability	No data available.
12.4	Bioaccumulative potential	No data available.
12.5	Further 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	---
		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	---		
		Marine pollutant	---		
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.			

EU Safety Data Sheet

IPS e.max Ceram Glaze and Stains
Liquid, allround



Date of issue / Reference	19.05.2010	liprt		
Replaces version of	05.04.2007	lise / v4		
Date of printing	19.05.2010	Sheet No. 1616	Version 5	Page 5 of 5
	Edited		Deleted	

15 Regulatory information

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

This product is classified as a medical device under US and Canadian regulations and has been reviewed by the US Food and Drug Administration and Health Canada.

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

15.1 UN number ---

15.2 National regulations

15.3 EINECS/ELINCS number

15.4 Hazard symbols

15.5 Hazard designation

15.6 Risk phrases

15.7 Safety phrases

15.8 AGW value

15.9 BVD classification (CH)

15.10 VbF (D)

15.11 Further information None.

16 Other information

No other information.

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.