

EU Safety Data Sheet

IPS InLine System Glaze and Stains
Liquid



Date of issue / Reference

14.02.2011 liprt

Replaces version of

18.05.2010 liprt / v6

Date of printing

14.02.2011 **Sheet No. 1589**

Version 7

Page 1 of 5

Edited

Deleted

Company

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

1 Commercial product name and supplier

1.1 Commercial product name /
Designation

IPS InLine System Glaze and Stains Liquid

1.2 Application / Use

Ceramic

1.3 Producer

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

Supplier

1.4 TOX emergency number

Official

Emergency-Call: +423 / 235 33 13

Ivoclar Vivadent AG, FL-9494 Schaan, Liechtenstein

2 Hazards identification

None, if used in accordance to instructions.

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 (10-15 min.). Call a physician.

4.2 Skin contact

Wash thoroughly with soap and water.

4.3 Ingestion

After ingestion call a physician immediately and show this safety data sheet.

4.4 Inhalation

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

4.5 Further information

Remove contaminated clothing.

5 Fire-fighting measures

5.1 Suitable extinguishing media

Water fog, carbon dioxide, foam, dry chemicals.

EU Safety Data Sheet

IPS InLine System Glaze and Stains
Liquid



Date of issue / Reference

14.02.2011

liprt

Replaces version of

18.05.2010

liprt / v6

Date of printing

14.02.2011

Sheet No. 1589

Version 7

Page 2 of 5

Edited

Deleted

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

5.3 Further information

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 2-28 °C / 36-82 °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 Control airborne concentration below the exposure guideline.

8.2 Exposure limit values

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 Eye wash fountain should be located in immediate work area.

8.4 Environmental exposure controls

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:

Melting point ca. - 13 °C

Boiling point > 190 °C

EU Safety Data Sheet

IPS InLine System Glaze and Stains
Liquid



Date of issue / Reference

14.02.2011

liprt

Replaces version of

18.05.2010

liprt / v6

Date of printing

14.02.2011

Sheet No. 1589

Version 7

Page 3 of 5

Edited

Deleted

9.5 Density 1.006 g/cm³ (25°C)

9.6 Vapour pressure

0.1 mbar (20°C)

9.7 Viscosity

21 mPa s

9.8 Solubility

Solubility in water

soluble

9.9 pH

ca. 7

9.10 Flash point

111 °C

9.11 Ignition temperature

410 °C

9.12 Explosion limits

Lower: 3.2 Vol%

Upper: 53 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

11.2 Subacute / Chronic toxicity

Inhalation: may cause dizziness, headache and nausea.

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 InLine System Glaze and Stains
Liquid



Date of issue / Reference

14.02.2011

liprt

Replaces version of

18.05.2010

liprt / v6

Date of printing

14.02.2011

Sheet No. 1589

Version 7

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 InLine System Glaze and Stains
Liquid



Date of issue / Reference

14.02.2011

liprt

Replaces version of

18.05.2010

liprt / v6

Date of printing

14.02.2011

Sheet No. 1589

Version 7

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 requires classification according to the criteria of the "Gefahrstoffverordnung".

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.