

EU Safety Data Sheet

IPS Classic / IPS Classic V Powder



Date of issue / Reference

08.10.2010

liprt

Replaces version of

27.09.2007

lise / v4

Date of printing

08.10.2010

Sheet No. 1270

Version 5

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 Classic / IPS Classic V Powder

**Incisal, Dentin, IDentin modifier, Opaque
Dentin, Opaque Dentin modifier, Transparent,
Opaquer, Opaquer modifier, Fill Opaquer,
Add-on material**

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

Dust generation. Avoid breathing dust. Grinding dust (see 8.3.1).

3 Composition

3.1 Chemical characterization

Ceramic powder made of
> 98 % SiO₂, BaO, Al₂O₃, CaO, CeO₂, Na₂O, K₂O, B₂O₃, MgO,
ZrO₂, P₂O₅
< 2 % TiO₂ and pigments

3.2 Hazardous components

None.

3.3 Further information

None.

4 First aid measures

4.1 Eye contact

Flush eyes with plenty of water; mechanical effects only.

4.2 Skin contact

Wash thoroughly with soap and water.

4.3 Ingestion

Give large amounts of water.

EU Safety Data Sheet

IPS Classic / IPS Classic V Powder



Date of issue / Reference

08.10.2010

liprt

Replaces version of

27.09.2007

lise / v4

Date of printing

08.10.2010

Sheet No. 1270

Version 5

Page 2 of 5

Edited

Deleted

4.4 Inhalation Take into fresh air.

4.5 Further information None.

5 Fire-fighting measures

5.1 Suitable extinguishing media not combustible
No specific requirements.

5.2 Extinguishing media to avoid None.

5.3 Further information None.

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 No specific requirements.

7.5 Fire- and explosion-protection Not required.

8 Exposure controls / Personal protection

8.1 Exposure controls Provide adequate local ventilation.

8.2 Exposure limit values Dust exposure limit: 1.5 mg/m³. Control airborne concentration below the exposure guideline. Producer Industry recommends an exposure limit of 1.5 mg/m³.

8.3 Occupational exposure controls

8.3.1 Respiratory protection In dusty atmospheres, use an approved dust respirator P2.
Avoid dust build-up.

8.3.2 Hand protection Not required.

8.3.3 Eye protection Safety goggles.

8.3.4 Other None.

8.4 Environmental exposure controls

EU Safety Data Sheet

IPS Classic / IPS Classic V Powder



Date of issue / Reference

08.10.2010

liprt

Replaces version of

27.09.2007

lise / v4

Date of printing

08.10.2010

Sheet No. 1270

Version 5

Page 3 of 5

Edited

Deleted

9 Physical and chemical properties

9.1 Appearance powder

9.2 Colour various

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

9.8 Solubility

Solubility in water

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

Part. coeff. n-octanol/water

Evaporat. rate

None.

10 Stability and reactivity

10.1 Thermal decomposition None.

10.2 Hazardous decomposition products None.

10.3 Conditions / materials to avoid None.

10.4 Further information None.

EU Safety Data Sheet

IPS Classic / IPS Classic V Powder



Date of issue / Reference

08.10.2010

liprt

Replaces version of

27.09.2007

lise / v4

Date of printing

08.10.2010

Sheet No. 1270

Version 5

Page 4 of 5

Edited

Deleted

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

- 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.
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 | --- |
| 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 | | | |

EU Safety Data Sheet

IPS Classic / IPS Classic V Powder



Date of issue / Reference

08.10.2010

liprt

Replaces version of

27.09.2007

lise / v4

Date of printing

08.10.2010

Sheet No. 1270

Version 5

Page 5 of 5

Edited

Deleted

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

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.