

EU Safety Data Sheet

IPS e.max CAD Crystall./Add-On
Connect, Dentin, Incisal



Date of issue / Reference

18.02.2011

liprt

Replaces version of

28.09.2007

lise / v2

Date of printing

18.02.2011

Sheet No. 1697

Version 3

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Company

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

1 Commercial product name and supplier

1.1 Commercial product name /
Designation

**IPS e.max CAD Crystall./Add-On Connect,
Dentin, Incisal**

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 oxides 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 with water.
No specific requirements.

4.3 Ingestion

No specific requirements.

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.

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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.

7.2 Industrial hygiene Usual hygienic measures for dental practice.

7.3 Storage Store in a dry place.

7.4 Place of storage Store in dry well ventilated area.

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 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.
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

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:

Not determined.

Not determined.

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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

not applicable

Evaporat. rate

not applicable

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.

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.

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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 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 | --- | | |

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| | | | |
|------|---------------------|--|-----|
| 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 does not require classification as Dangerous Goods.

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.