

EU Safety Data Sheet

IPS e.max CAD Crystall./Stains,
Shades and Glaze Paste



Date of issue / Reference

22.05.2007 lise / Version 1

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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 CAD Crystall./Stains, Shades and Glaze Paste |
| 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 | Paste made of:
60 % Ceramic powder and pigments
20 - 25 % glycerin
10 - 15 % butanediol |
| 2.2 | Hazardous components | None. |
| 2.3 | Further information | None. |

- | | | |
|---|-------------------------------|----------------------------|
| 3 | Hazards identification | Grinding dust (see 8.3.1). |
|---|-------------------------------|----------------------------|

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 | Give large amounts of water. |
| 4.4 | Inhalation | No specific requirements. |
| 4.5 | Further information | None. |

5 Fire-fighting measures

- | | | |
|-----|------------------------------|---|
| 5.1 | Suitable extinguishing media | No specific requirements. |
| 5.2 | Extinguishing media to avoid | None. |
| 5.3 | Further information | While burning it produces carbon dioxide and carbon monoxide. |

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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 at 12-28 °C / 54-82 °F.
 - 7.4 Place of storage Store in a dry place.
 - 7.5 Fire- and explosion-protection None.
-

8 Exposure controls / Personal protection

- 8.1 Technical measures Provide adequate local ventilation.
 - 8.2 Control of threshold limits Producer Industry recommends an exposure limit of 4 mg/m3.
 - 8.3 Personal protective equipment
 - 8.3.1 Respiratory protection Not required.
 - 8.3.2 Hand protection Not required.
 - 8.3.3 Eye protection Safety goggles.
 - 8.3.4 Other Do not breathe vapour.
-

9 Physical and chemical properties

- 9.1 Appearance Paste
- 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

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9.8 Solubility

Solubility in water

partially miscible

9.9 pH

not applicable

9.10 Flash point

> 200 °C

9.11 Ignition temperature

not applicable

9.12 Explosion limits

Lower:
Upper:
not applicable

9.13 Further information

None.

10 Stability and reactivity

10.1 Thermal decomposition

None.

10.2 Hazardous decomposition products

None.

10.3 Hazardous reactions

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.

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

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	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	---	
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 EU number

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

None.

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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',
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