

EU Safety Data Sheet

IPS e.max ZirCAD Colouring Liquid



Date of issue / Reference 14.09.2007 lise / Version 1
Replaces version of
Date of printing 14.09.2007 **Sheet No. 1705**

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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 ZirCAD Colouring Liquid**
- 1.2 Application / Use Colouring liquid
- 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 Solution of water, Ethanol, pigments and food colours.
- 2.2 Hazardous components
CAS No. 64-17-5 10 - 20 % Ethanol
F: Highly flammable. R11: Highly flammable.
MAK values : 1000 ppm
- 2.3 Further information
-

3 Hazards identification Irritating to eyes and skin.

4 First aid measures

- 4.1 Eye contact Flush eyes with plenty of water (10-15 min.). Call a physician if irritation persists.
- 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 Take into fresh air.
- 4.5 Further information None.
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5 Fire-fighting measures

- 5.1 Suitable extinguishing media Water fog, carbon dioxide, foam, dry chemicals.
- 5.2 Extinguishing media to avoid Do not use direct water stream.
- 5.3 Further information None.

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6 Accidental release measures

Do not allow to flow off into the drains or waters.
Clean up with absorbent material such as sawdust, diatomaceous earth or universal absorbents.

7 Handling and storage

- 7.1 Handling Only adequately trained personnel should handle this product.
 - 7.2 Industrial hygiene Usual hygienic measures are necessary.
 - 7.3 Storage Store at 2-28 °C / 36-82 °F
 - 7.4 Place of storage Store containers tightly closed in a well ventilated area.
 - 7.5 Fire- and explosion-protection No specific requirements.
-

8 Exposure controls / Personal protection

- 8.1 Technical measures No specific requirements.
 - 8.2 Control of threshold limits None established.
 - 8.3 Personal protective equipment
 - 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.
-

9 Physical and chemical properties

- 9.1 Appearance liquid
- 9.2 Colour various
- 9.3 Odour like alcohols
- 9.4 Change of physical state Test method:
- 9.5 Density 1.01 - 1.03 g/ml
- 9.6 Vapour pressure not determined
- 9.7 Viscosity not determined

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9.8 Solubility

9.9 pH 1.7 - 2.1

9.10 Flash point Not determined

9.11 Ignition temperature not determined

9.12 Explosion limits Lower:
Upper:
not determined

9.13 Further information

10 Stability and reactivity

10.1 Thermal decomposition None, if used in accordance to instructions.

10.2 Hazardous decomposition products No hazardous decomposition products have been observed.

10.3 Hazardous reactions No hazardous reactions have been observed.

10.4 Further information

11 Toxicological information

11.1 Acute toxicity The oral LD-50 for rats is > 2000 mg/kg.

11.2 Subacute / Chronic toxicity Skin: repeated or prolonged exposure may cause irritations.

11.3 Further information

12 Ecological information

German 'Wassergefahrdungs Klasse (WGK): 1

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 06 03 99

14 Transport information

14.1 Transport at land ADR --- RID ---

UN Number --- Kemler Number

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	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

This product does require classification according to the criteria of the EC.

15.1 UN number

15.2 National regulations

15.3 EU number

15.4 Hazard symbols



15.5 Hazard designation

Xi: Irritant.

15.6 Risk phrases

R: 36/38

36/38 Irritating to eyes and skin.

15.7 Safety phrases

S: 26-45-36/37/39

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.

45 In case of accident or if you feel unwell, seek medical advise immediately (show the label where possible).

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

15.8 MAK value

not known

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15.9 BVD classification (CH)

15.10 VbF (D)

15.11 Further information

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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