

EU Safety Data Sheet

IPS d.SIGN Build-up liquid



Date of issue / Reference

23.03.2005 hot

Replaces version of

31.01.2001

Date of printing

23.03.2005 **Sheet No. 1342**

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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 d.SIGN Build-up liquid

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

Mixture of water, alcohol and chloride

2.2 Hazardous components

CAS No. 107-88-0 < 5 % Alcohol

CAS No. 7646-85-7 < 0.2 % Chloride

2.3 Further information

None.

3 Hazards identification

None, if used in accordance to instructions.

4 First aid measures

4.1 Eye contact

Flush eyes with plenty of water. Call a physician if irritation persists.

4.2 Skin contact

Wash thoroughly with soap and water.

4.3 Ingestion

Give large amounts of water.

4.4 Inhalation

Remove to fresh air.

4.5 Further information

None.

5 Fire-fighting measures

5.1 Suitable extinguishing media

No specific requirements.

5.2 Extinguishing media to avoid

None known

5.3 Further information

None.

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6 Accidental release measures

Mop up, wipe up or soak up immediately.
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 at 12-28 °C / 54-82 °F.
- 7.4 Place of storage
- 7.5 Fire- and explosion-protection Not required.
-

8 Exposure controls / Personal protection

- 8.1 Technical measures During mixing it is recommended to apply local exhaust ventilation.
- 8.2 Control of threshold limits None established.
- 8.3 Personal protective equipment
- 8.3.1 Respiratory protection In poorly ventilated areas, use respiratory protection apparatus.
- 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 colourless
- 9.3 Odour odourless
- 9.4 Change of physical state Test method:
- 9.5 Density 1 g/cm³
- 9.6 Vapour pressure not applicable
- 9.7 Viscosity not determined

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9.8 Solubility

Solubility in

miscible

9.9 pH

ca. 4

9.10 Flash point

> 150 °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, if used in accordance to instructions.

10.2 Hazardous decomposition products

None under normal conditions of storage and use.

10.3 Hazardous reactions

None.

10.4 Further information

None.

11 Toxicological information

11.1 Acute toxicity

not toxic

11.2 Subacute / Chronic toxicity

Prolonged or repeated exposure may cause drying or irritation of the skin.

11.3 Further information

No hazards anticipated from swallowing small amounts incidentally to normal handling.

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 06

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 for any mode of transportation.		

15 Regulatory information

This product does not require classification according to the criteria of the EC.
The product is a medical device according to the EC-directive 93/42.

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: 3

Changes: 13.1

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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