

# EU Safety Data Sheet

IPS Classic Build-up Liquid N, S, L  
IPS Classic Opaquer Liquid



Date of issue / Reference

08.10.2010

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**Sheet No. 1289**

Version 5

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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 Classic Build-up Liquid N, S, L**  
**IPS Classic Opaquer Liquid**

1.2 Application / Use

Metal 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

None, if used in accordance to instructions.

## 3 Composition

3.1 Chemical characterization

Mixture of water and alcohol, chloride, buffered with acid

3.2 Hazardous components

CAS No. 107-88-0	0-5 % Alcohol
CAS No. 64-19-7	0-0.1 % Acetic acid
CAS No. 7646-85-7	0-0.1 % Chloride

3.3 Further information

None.

## 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.

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## 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.                     |

## 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. |
| 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               | No specific requirements.                                     |
| 7.5 | Fire- and explosion-protection | None.   |

## 8 Exposure controls / Personal protection

- |       |                                 |   |
|-------|---------------------------------|---|
| 8.1   | Exposure controls               | During mixing it is recommended to apply local exhaust ventilation. |
| 8.2   | Exposure limit values           | None established.   |
| 8.3   | Occupational exposure controls  |   |
| 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.   |
| 8.4   | Environmental exposure controls |   |

## 9 Physical and chemical properties

- |     |                          |                             |
|-----|--------------------------|-----------------------------|
| 9.1 | Appearance               | liquid                      |
| 9.2 | Colour                   | colourless                  |
| 9.3 | Odour                    | odourless                   |
| 9.4 | Change of physical state |                             |
| 9.5 | Density                  | 1.0 - 1.1 g/cm <sup>3</sup> |

Test method:

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## 9.6 Vapour pressure

not applicable

## 9.7 Viscosity

not determined

## 9.8 Solubility

Solubility in water

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

Part. coeff. n-octanol/water

Evaporat. rate

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 Conditions / materials to avoid

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.

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## 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.

## 13 Disposal considerations

Take to a waste incineration plant, under conditions approved by the local authority.

13.1	EU waste key	18 01 06
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## 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			
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.			

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## 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

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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.*

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