

# EU Safety Data Sheet

IPS Empress Esthetic Veneer Build-up Liquid



Date of issue / Reference

30.03.2005 hot

Replaces version of

14.07.2004

Date of printing

30.03.2005 **Sheet No. 1561**

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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 Empress Esthetic Veneer 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 | 0.1 % 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 (10-15 min.) 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.

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## 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

None.

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## 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.

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## 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

1.1 g/cm<sup>3</sup>

### 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.

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## 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.

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## 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

No ecological problems to be anticipated if properly handled and used.

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## 13 Disposal considerations

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

### 13.1 EU waste key

18 01 07

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## 14 Transport information

### 14.1 Transport at land

ADR

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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.		

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## 15 Regulatory information

The product is a medical device according to the EC-directive 93/42.

This product does not require classification according to the criteria of the EC.

15.1 UN number

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15.2 National regulations

15.3 EU number

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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: 2

Changes: 16

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*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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This safety data sheet has been generated with the safety database 'ChemManager',  
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91/155/EEC