

EU Safety Data Sheet

IPS d.SIGN ceramic separating pen



Date of issue / Reference

23.03.2005 hot

Replaces version of

31.01.2005

Date of printing

23.03.2005 **Sheet No. 1341**

Page 1 of 4

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 ceramic separating pen

1.2 Application / Use

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

Paraffin oil (CAS No. 8012-95-1)

2.2 Hazardous components

None.

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

Water fog, carbon dioxide, foam

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.

EU Safety Data Sheet

IPS d.SIGN ceramic separating pen



Date of issue / Reference

23.03.2005 hot

Replaces version of

31.01.2005

Date of printing

23.03.2005 **Sheet No. 1341**

Page 2 of 4

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. |

8 Exposure controls / Personal protection

- | | | |
|-------|-------------------------------|--|
| 8.1 | Technical measures | None, if used in accordance to instructions. |
| 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 | colourless |
| 9.3 | Odour | odourless |
| 9.4 | Change of physical state | Test method: |
| 9.5 | Density | 0.88 g/cm ³ |
| 9.6 | Vapour pressure | 110 - 125 mbar (20°C) |
| 9.7 | Viscosity | 33.5 mPa·s (20°C) |
| 9.8 | Solubility | |
| | Solubility in | non soluble |
| 9.9 | pH | not determined |

EU Safety Data Sheet

IPS d.SIGN ceramic separating pen



Date of issue / Reference	23.03.2005	hot	
Replaces version of	31.01.2005		
Date of printing	23.03.2005	Sheet No. 1341	Page 3 of 4

9.10 Flash point	215 °C
9.11 Ignition temperature	> 300 °C
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	Oral LD50 for rats: >8'000 mg/kg
11.2 Subacute / Chronic toxicity	No hazards known.
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.
non soluble

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	20 01 26
-------------------	----------

14 Transport information

14.1 Transport at land	ADR	---	RID	---
	UN Number	---	Kemler Number	---
	Packing Group	---		
	Proper shipping name	---		

EU Safety Data Sheet

IPS d.SIGN ceramic separating pen



Date of issue / Reference 23.03.2005 hot
Replaces version of 31.01.2005
Date of printing 23.03.2005 **Sheet No. 1341** Page 4 of 4

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.

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.

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.