

EU Safety Data Sheet

IPS d.SIGN ceramic separating liquid



Date of issue / Reference	28.09.2007	lise / Version 5		
Replaces version of	05.01.2006	hot		
Date of printing	08.06.2010	Sheet No. 1341	Version 5	Page 1 of 5
	Edited		Deleted	

Company Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Fürstentum Liechtenstein

1 Commercial product name and supplier

1.1	Commercial product name / Designation	IPS d.SIGN ceramic separating liquid
1.2	Application / Use	Isolating Liquid
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 35 35 or 373 40 40 Ivoclar Vivadent AG, FL-9494 Schaan, Liechtenstein

2 Hazards identification

None, if used in accordance to instructions.

3 Composition

3.1	Chemical characterization	Paraffin oil (CAS No. 8012-95-1)
3.2	Hazardous components	None.
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.

5 Fire-fighting measures

5.1	Suitable extinguishing media	Water fog, carbon dioxide, foam
5.2	Extinguishing media to avoid	None known

EU Safety Data Sheet

IPS d.SIGN ceramic separating liquid



Date of issue / Reference	28.09.2007	lise / Version 5		
Replaces version of	05.01.2006	hot		
Date of printing	08.06.2010	Sheet No. 1341	Version 5	Page 2 of 5
	Edited		Deleted	

5.3 Further information None.

6 Accidental release measures Mop up, wipe up or soak up immediately.

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 Exposure controls None, if used in accordance to instructions.

8.2 Exposure limit values None established.

8.3 Occupational exposure controls

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.

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 Test method:

9.5 Density 0.88 g/cm³

9.6 Vapour pressure 110 - 125 mbar (20°C)

9.7 Viscosity 33.5 mPa·s (20°C)

EU Safety Data Sheet

IPS d.SIGN ceramic separating liquid



Date of issue / Reference

28.09.2007

lise / Version 5

Replaces version of

05.01.2006

hot

Date of printing

08.06.2010

Sheet No. 1341

Version 5

Page 3 of 5

Edited

Deleted

9.8 Solubility

Solubility in water

non soluble

9.9 pH

Not determined.

9.10 Flash point

215 °C

9.11 Ignition temperature

> 300 °C

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

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

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.

EU Safety Data Sheet

IPS d.SIGN ceramic separating liquid



Date of issue / Reference

28.09.2007

lise / Version 5

Replaces version of

05.01.2006

hot

Date of printing

08.06.2010

Sheet No. 1341

Version 5

Page 4 of 5

Edited

Deleted

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

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.

15 Regulatory information

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

15.2 National regulations

EU Safety Data Sheet

IPS d.SIGN ceramic separating liquid



Date of issue / Reference	28.09.2007	lise / Version 5		
Replaces version of	05.01.2006	hot		
Date of printing	08.06.2010	Sheet No. 1341	Version 5	Page 5 of 5
	Edited		Deleted	

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 Version: 5
Changes: 1.5

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',
© ASSiST Applied Software Solutions in Science and Technology AG,
Weiherweg 3, CH-4104 Oberwil, Switzerland

Regulation (EC) No 1907/2006 (REACH)