

EU Safety Data Sheet

IPS PressVest Speed, Liquid



Date of issue / Reference 10.05.2006 hot
Replaces version of 01.12.2005
Date of printing 10.05.2006

Sheet No. 1633

Page 1 of 5

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 PressVest Speed, Liquid**

1.2 Application / Use Investment Material

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 70 % Water
30 % colloidal silica (CAS No. 112926-00-8)

2.2 Hazardous components None.

2.3 Further information None.

3 Hazards identification None.

4 First aid measures

4.1 Eye contact No specific requirements.

4.2 Skin contact No specific requirements.

4.3 Ingestion No specific requirements.

4.4 Inhalation No specific requirements.

4.5 Further information None.

5 Fire-fighting measures

5.1 Suitable extinguishing media Not required since not combustible.

5.2 Extinguishing media to avoid None known

5.3 Further information None.

6 Accidental release measures Clean up with absorbent material such as sawdust, diatomaceous

EU Safety Data Sheet

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Date of issue / Reference 10.05.2006 hot
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Date of printing 10.05.2006

Sheet No. 1633

Page 2 of 5

earth or universal absorbents.
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 under dry conditions (12-28 °C / 54-82 °F). |
| 7.4 | Place of storage | Sensitive to cold below < 2 °C. |
| 7.5 | Fire- and explosion-protection | None. |

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 | Not necessary. |
| 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 | milky white |
| 9.3 | Odour | odourless |
| 9.4 | Change of physical state | Test method:
--- |
| 9.5 | Density | 1.2 g/cm ³ |
| 9.6 | Vapour pressure | 20-24 mbar |
| 9.7 | Viscosity | < 10 mPa s |

EU Safety Data Sheet

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Date of issue / Reference

10.05.2006 hot

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Date of printing

10.05.2006 **Sheet No. 1633**

Page 3 of 5

9.8 Solubility

Solubility in

miscible

9.9 pH

9-10

9.10 Flash point

not flammable

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

Oral LD50 for rats: > 15'000 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.

13 Disposal considerations

Dispose of according to local and national regulations.

13.1 EU waste key

20 03 01

14 Transport information

14.1 Transport at land

ADR

RID

EU Safety Data Sheet

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Date of issue / Reference

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Replaces version of

01.12.2005

Date of printing

10.05.2006 **Sheet No. 1633**

Page 4 of 5

	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 "Gefahrstoffverordnung".

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.

EU Safety Data Sheet

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Date of printing 10.05.2006 **Sheet No. 1633**

Page 5 of 5

16 Other information

Version: 2
Changes: 1.1/13

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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