

EU Safety Data Sheet

Spectra Tray



Date of issue / Reference

30.03.2005 hot

Replaces version of

01.02.2001

Date of printing

30.03.2005 **Sheet No. 1273**

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 **Spectra Tray**
- 1.2 Application / Use Custom tray 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 Resin plates made of dimethacrylates, inorganic fillers, paraffin oil, polyesterurethane acrylate, initiators and pigments
- 2.2 Hazardous components
- CAS No. 72869-86-4 < 12 % Urethanedimethacrylate
Xi: Irritant. R36: Irritating to eyes. R38: Irritating to skin.
< 25 % Polyesterurethane acrylate (CAS No. not known)
- 2.3 Further information None.

3 Hazards identification

Uncured material: Irritating to eyes, respiratory system and skin.
May cause sensitisation by skin contact.

4 First aid measures

- 4.1 Eye contact Flush with plenty of water. Consult a physician if irritation persists.
- 4.2 Skin contact Wash thoroughly with soap and water.
- 4.3 Ingestion After ingestion call a physician immediately and show this safety data sheet.
- 4.4 Inhalation Remove to fresh air.
- 4.5 Further information If you feel unwell, seek medical advice (show this safety data sheet).

5 Fire-fighting measures

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

EU Safety Data Sheet

Spectra Tray



Date of issue / Reference 30.03.2005 hot
Replaces version of 01.02.2001
Date of printing 30.03.2005 **Sheet No. 1273**

Page 2 of 5

5.3 Further information None.

6 Accidental release measures Clean up mechanically.
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 are necessary.
When using, do not eat, drink or smoke.
- 7.3 Storage Store at 12-28 °C / 54-82 °F.
- 7.4 Place of storage Avoid exposure to light.
- 7.5 Fire- and explosion-protection Not required.
-

8 Exposure controls / Personal protection

- 8.1 Technical measures Use only with adequate ventilation.
- 8.2 Control of threshold limits None established.
- 8.3 Personal protective equipment
- 8.3.1 Respiratory protection Respiratory Protection. Avoid inhalation of dust while grinding.
- 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 Plates
- 9.2 Colour white or pink
- 9.3 Odour mild
- 9.4 Change of physical state Test method:

- 9.5 Density not determined
- 9.6 Vapour pressure not applicable
- 9.7 Viscosity not determined

EU Safety Data Sheet

Spectra Tray



Date of issue / Reference 30.03.2005 hot
Replaces version of 01.02.2001
Date of printing 30.03.2005 **Sheet No. 1273**

Page 3 of 5

9.8 Solubility
Solubility in < 0.1 %

9.9 pH not determined

9.10 Flash point > 150 °C

9.11 Ignition temperature
not determined

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 Avoid exposure of product to light.

11 Toxicological information

11.1 Acute toxicity Oral LD50 for rats: > 5'000 mg/kg

11.2 Subacute / Chronic toxicity Irritating to eyes, respiratory system and skin.
Uncured material: prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals.

11.3 Further information None.

12 Ecological information

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

13 Disposal considerations

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

13.1 EU waste key 20 01 39

14 Transport information

14.1 Transport at land ADR --- RID ---

EU Safety Data Sheet

Spectra Tray



Date of issue / Reference

30.03.2005 hot

Replaces version of

01.02.2001

Date of printing

30.03.2005 **Sheet No. 1273**

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

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

This product requires classification according to the criteria of the EC.

15.1 UN number

15.2 National regulations

15.3 EU number

15.4 Hazard symbols

Xi



15.5 Hazard designation

Xi: Irritant. Contains Urethanedimethacrylate, Polyesterurethane acrylate (CAS No. not known).

15.6 Risk phrases

R: 43-36/37/38

43 May cause sensitisation by skin contact.

36/37/38 Irritating to eyes, respiratory system and skin.

15.7 Safety phrases

S: 26-28

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.

EU Safety Data Sheet

Spectra Tray



Date of issue / Reference 30.03.2005 hot
Replaces version of 01.02.2001
Date of printing 30.03.2005

Sheet No. 1273

Page 5 of 5

28 After contact with skin, wash immediately with plenty of water and soap.

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.

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

91/155/EEC