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
   < 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
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
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 ---
14.2 Transport at sea

| UN Number | --- |
| Packing Group | --- |
| Proper shipping name | --- |
| ADNR | --- |
| IMDG | --- |

14.3 Air transport

| UN Number | --- |
| Proper shipping name | --- |
| Proper shipping name | --- |
| ICAO / IATA-DGR | --- |
| 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.
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