

EU Safety Data Sheet

Gnathostar



Date of issue / Reference

18.03.2005 hot

Replaces version of

26.01.2001

Date of printing

18.03.2005 **Sheet No. 1377**

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Company

Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Principality of Liechtenstein

1 Commercial product name and supplier

- 1.1 Commercial product name / Designation **Gnathostar**
- 1.2 Application / Use Posterior teeth
- 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 Synthetic polymer teeth based on polymethylmethacrylate
- 2.2 Hazardous components None.
- 2.3 Further information None.

3 Hazards identification

Grinding dust (see 8.3.1).

4 First aid measures

- 4.1 Eye contact With dust: Flush eyes with plenty of water; mechanical effects only.
- 4.2 Skin contact No specific requirements.
- 4.3 Ingestion Give large amounts of water.
- 4.4 Inhalation Take into fresh air.
- 4.5 Further information None.

5 Fire-fighting measures

- 5.1 Suitable extinguishing media No specific requirements.
- 5.2 Extinguishing media to avoid None.
- 5.3 Further information None.

6 Accidental release measures

Clean up mechanically.

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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 in a dry place. |
| 7.4 | Place of storage | |
| 7.5 | Fire- and explosion-protection | Not required. |

8 Exposure controls / Personal protection

- | | | |
|-------|-------------------------------|--|
| 8.1 | Technical measures | Provide adequate local ventilation. |
| 8.2 | Control of threshold limits | Producer Industry recommends an exposure limit of 4 mg/m ³ . |
| 8.3 | Personal protective equipment | |
| 8.3.1 | Respiratory protection | In dusty atmospheres, use an approved dust respirator. Respiratory Protection. Avoid inhalation of dust while grinding. |
| 8.3.2 | Hand protection | Not required. |
| 8.3.3 | Eye protection | Safety goggles. |
| 8.3.4 | Other | None. |

9 Physical and chemical properties

- | | | |
|-----|--------------------------|------------------------|
| 9.1 | Appearance | Teeth |
| 9.2 | Colour | tooth shaded |
| 9.3 | Odour | odourless |
| 9.4 | Change of physical state | Test method: |
| 9.5 | Density | 1.19 g/cm ³ |
| 9.6 | Vapour pressure | not applicable |
| 9.7 | Viscosity | not applicable |
| 9.8 | Solubility | |
| | Solubility in | non soluble |
| 9.9 | pH | not applicable |

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9.10 Flash point not applicable

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 > 250 °C

10.2 Hazardous decomposition products None, if used in accordance to instructions.

10.3 Hazardous reactions None.

10.4 Further information None.

11 Toxicological information

11.1 Acute toxicity This product is not hazardous according to EEC criteria.

11.2 Subacute / Chronic toxicity No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

11.3 Further information None.

12 Ecological information

No ecological problems to be anticipated if properly handled and used.
non soluble

13 Disposal considerations

Burn in an adequate incinerator under carefully controlled conditions in accordance with local and national regulations.

13.1 EU waste key 20 01 39

14 Transport information

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

UN Number --- Kemler Number ---
Packing Group ---
Proper shipping name ---

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| | | | | | |
|------|---------------------|---|-----|------|-----|
| 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 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.

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16 Other information

Version: 3
Changes: 2.2 / 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',
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