

EU Safety Data Sheet

Virtual



Date of issue / Reference

02.03.2006 hot

Replaces version of

11.04.2005

Date of printing

02.03.2006 **Sheet No. 1504**

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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

Virtual

**Extra Light Body, Light Body, Medium Body,
Heavy Body, Monophase, Putty (fast und
regular set), Bite Registration, Virtual 380**

1.2 Application / Use

Dental silicone impression materials

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
Ivoclar Vivadent AG, FL-9494 Schaan, Liechtenstein

2 Composition

2.1 Chemical characterization

Addition-reaction silicones of:
Vinylpolysiloxane, methylhydrogensiloxane, silica, catalyst and food
dyes

2.2 Hazardous components

2.3 Further information

None.

3 Hazards identification

None, if used in accordance to instructions. Prevent from accidental
ingestion.

4 First aid measures

4.1 Eye contact

Flush with plenty of water.

4.2 Skin contact

Wash with water.

4.3 Ingestion

If large amounts are ingested give large amounts of water. Call a
physician and show this safety data sheet.

4.4 Inhalation

No specific requirements.

4.5 Further information

None.

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5 Fire-fighting measures

- | | | |
|-----|------------------------------|---|
| 5.1 | Suitable extinguishing media | Water fog, carbon dioxide, foam, dry chemicals. |
| 5.2 | Extinguishing media to avoid | None known |
| 5.3 | Further information | None. |
-

6 Accidental release measures

Clean up mechanically. Wash the area with soap and water. Do not allow to flow off into the drains or waters.
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 at 5-28 °C / 41-82 °F. |
| 7.4 | Place of storage | Store in a well ventilated, cool, dry area.
Keep containers tightly closed. |
| 7.5 | Fire- and explosion-protection | |
-

8 Exposure controls / Personal protection

- | | | |
|-------|-------------------------------|---|
| 8.1 | Technical measures | No specific requirements. |
| 8.2 | Control of threshold limits | |
| 8.3 | Personal protective equipment | |
| 8.3.1 | Respiratory protection | Not required. |
| 8.3.2 | Hand protection | Use vinyl gloves only or wash hands thoroughly. (The setting of vinylpolysiloxanes is inhibited by latex gloves.) |
| 8.3.3 | Eye protection | Safety goggles. |
| 8.3.4 | Other | None. |
-

9 Physical and chemical properties

- | | | |
|-----|--------------------------|-------------------------------------|
| 9.1 | Appearance | Pastes / viscous liquids |
| 9.2 | Colour | different |
| 9.3 | Odour | low |
| 9.4 | Change of physical state | Test method:
not applicable |
| 9.5 | Density | 01.01.2006 g/cm ³ (20°C) |

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9.6 Vapour pressure

not applicable

9.7 Viscosity

not known

9.8 Solubility

Solubility in

nearly insoluble

9.9 pH

not known

9.10 Flash point

> 200 °C

9.11 Ignition temperature

> 400 °C

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, if used in accordance to instructions.

10.4 Further information

None.

11 Toxicological information

11.1 Acute toxicity

11.2 Subacute / Chronic toxicity

No adverse effects anticipated by this route of exposure incidental to proper industrial handling.
Virtual possesses no cytotoxic potential.

11.3 Further information

Avoid eye contact.

12 Ecological information

No ecological problems to be anticipated if properly handled and used.
nearly insoluble
Material is not degradable in the environment.
Do not discharge to sewers or natural waters.

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13 Disposal considerations

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

13.1 EU waste key

07 02 17

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 ---

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/EEC.

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.

15.1 UN number

15.2 National regulations

15.3 EU number

15.4 Hazard symbols

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15.5 Hazard designation

15.6 Risk phrases

15.7 Safety phrases

15.8 MAK value --- ml/m³ (ppm)

15.9 BVD classification (CH) ---

15.10 VbF (D) ---

15.11 Further information None.

16 Other information

Version: 3
Changes: 1.1/4/8

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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91/155/EEC