

SAFETY DATA SHEETS

This SDS packet was issued with item:

077103484

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

077103476 077103591 077103609 077103633 077103641 077103658 077103666 077103674 077103682 077103690
077103708 077103716 077103724 077103732 077103773 077104011 077104029 077157050 077157068 077157076
077157100 077157118 077157126 077157134 077157142 077157159 077157167 077157209 077157217 077157225

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

077103500

Material Safety Data Sheet

Virtual



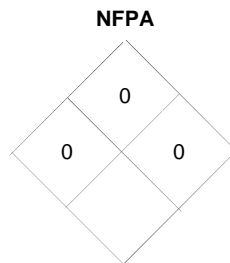
Date of issue / Reference 01.06.2011 liprt
Replaces version of 17.10.2007 lise / v5
Date of printing 01.06.2011 **Sheet No. 1504** Version 6 Page 1 of 5

Company Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Fürstentum 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), CADbite Registration, Virtual 380



HMIS	
H	0
F	0
R	0

1.2 Application / Use Dental silicone impression materials

1.3 Producer Ivoclar Vivadent AG, Bendererstrasse 2, 9494 Schaan
Principality of Liechtenstein (FL)

1.4 Supplier Ivoclar Vivadent, Inc.
175 Pineview Drive, Amherst NY 14228, USA
2785 Skymark Ave., Unit 1 Mississauga, ON L4W4Y3, Canada
MSDS prepared by Anderjeet Gulati. Tel. No. 716 691-0010

1.5 24 Hour Emergency Assistance Emergency-Call USA- Infotrac: 1-800-535-5053
Emergency-Call Canada - Canutec: 1-613-996-6666
General MSDS Assistance US: 1-800-533-6825
Canada: 1-800-263-8182

2 Composition

2.1 Chemical characterization Addition-reaction silicones of:
Vinylpolysiloxane, methylhydrogensiloxane, organic filler, pigment,
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.

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4 First aid measures

- 4.1 Eye contact Flush with plenty of water.
- 4.2 Skin contact Wash with water.
- 4.3 Ingestion No hazards anticipated from swallowing small amounts incidentally to normal handling.
- 4.4 Inhalation No specific requirements.
- 4.5 Further information None.
-

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 Flash point Test method:
- 5.4 Ignition temperature
- 5.5 Explosion limits Lower:
Upper:
not applicable
- 5.6 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.
- 7.2 Industrial hygiene Usual hygienic measures for dental practice.
- 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 No specific requirements.
-

8 Exposure controls / Personal protection

- 8.1 Exposure controls No specific requirements.
- 8.2 Exposure limit values None established.

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8.3 Occupational exposure controls

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

8.4 Environmental exposure controls

9 Physical and chemical properties

- | | | |
|------------------------------|----------------------------------|--------------|
| 9.1 Appearance | Pastes / viscous liquids | |
| 9.2 Colour | various | |
| 9.3 Odour | low | |
| 9.4 Change of physical state | | Test method: |
| | not applicable | |
| 9.5 Density | 1.0-1.6 g/cm ³ (20°C) | |
| 9.6 Vapour pressure | | |
| | not applicable | |
| 9.7 Viscosity | | |
| | not known | |
| 9.8 Solubility | | |
| Solubility in water | nearly insoluble | |
| 9.9 pH | | |
| | not known | |
| 9.10 Further information | | |
| Part. coeff. n-octanol/water | | |
| Evaporat. rate | | |
| | None. | |
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10 Stability and reactivity

- | | | |
|------|----------------------------------|--|
| 10.1 | Thermal decomposition | > 250 °C |
| 10.2 | Hazardous decomposition products | None, if used in accordance to instructions. |
| 10.3 | Conditions / materials to avoid | 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

- | | | |
|------|-------------------------------|---|
| 12.1 | Ecotoxicity | No data available. |
| 12.2 | Mobility | No data available. |
| 12.3 | Persistence and degradability | No data available. |
| 12.4 | Bioaccumulative potential | No data available. |
| 12.5 | Further 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. |
-

13 Disposal considerations

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

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 ---
Marine pollutant

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 as a dangerous good for transport.

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 National regulations
15.2 NFPA Storage
15.3 Further information None.

16 Other information No other information.

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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