

EU Safety Data Sheet

Variolink Veneer



Date of issue / Reference

18.11.2005 hot

Replaces version of

Date of printing

18.11.2005 **Sheet No. 1625**

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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

Variolink Veneer

1.2 Application / Use

Light-curing dental luting composite suitable for ceramic and
composite restorations

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

Paste of dimethacrylates, inorganic fillers, ytterbiumtrifluoride,
initiators, stabilizers and pigments

2.2 Hazardous components

CAS No. 72869-86-4 26-28 % Urethanedimethacrylate
Xi: Irritant. R36: Irritating to eyes. R38: Irritating to skin.
CAS No. 6701-13-9 5-7 % Decandiole dimethacrylate

2.3 Further information

None.

3 Hazards identification

Uncured material: Direct contact can cause eye and skin irritation.
The material is contraindicated if a person is known to be allergic to
any of the ingredients of the product.

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 water.

4.3 Ingestion

No hazards anticipated from swallowing small amounts incidentally
to normal handling.

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.

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5.2 Extinguishing media to avoid

None known

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 for dental practice.
When using, do not eat, drink or smoke.

7.3 Storage

Store at 2-28 °C / 36-82 °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

Good general ventilation should be sufficient.

8.2 Control of threshold limits

None established.

8.3 Personal protective equipment

8.3.1 Respiratory protection

Not required.

8.3.2 Hand protection

Rubber gloves.
Commercial medical gloves do not provide protection against the sensitizing effect of methacrylates.
Check penetration time for the specific gloves used with the glove manufacturer.

8.3.3 Eye protection

Safety goggles.

8.3.4 Other

None.

9 Physical and chemical properties

9.1 Appearance

Paste

9.2 Colour

off-white to cream

9.3 Odour

practically odourless

9.4 Change of physical state

not applicable

Test method:

9.5 Density

not determined

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9.6 Vapour pressure

not applicable

9.7 Viscosity

not determined

9.8 Solubility

Solubility in

<2 %

9.9 pH

not determined

9.10 Flash point

> 150 °C

9.11 Ignition temperature

not determined

9.12 Explosion limits

Lower:

Upper:

not determined

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

The data available do not suggest any reproduction hazard.

Oral LD50 for rats: >5000 mg/kg

11.2 Subacute / Chronic toxicity

Uncured material: prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals.

11.3 Further information

No hazards anticipated from swallowing small amounts incidentally to normal handling.

12 Ecological information

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

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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

20 01 39

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.

15.1 UN number

15.2 National regulations

15.3 EU number

15.4 Hazard symbols

15.5 Hazard designation

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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: 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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