

EU Safety Data Sheet

Transil



Date of issue / Reference

15.04.2005 hot

Replaces version of

31.03.2005

Date of printing

15.04.2005 **Sheet No. 1546**

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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 **Transil**
- 1.2 Application / Use Two component silicone impression materials for the dental laboratory
- 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 Preparation of vinyl polysiloxane, polymethylhydrogen siloxane, silicate and catalyst
- 2.2 Hazardous components
CAS No. 69013-23-6 5 % Polymethylhydrogen siloxane
- 2.3 Further information None.

3 Hazards identification

Direct contact may cause eye irritation.

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. Give large amounts of water. Induce vomiting.
- 4.4 Inhalation Take into fresh air.
- 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 Further information Under fire conditions some components of this product may

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decompose. Avoid breaving smoke.

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 12-28 °C / 54-82 °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

Good general ventilation should be sufficient.

8.2 Control of threshold limits

8.3 Personal protective equipment

8.3.1 Respiratory protection

Not required.

8.3.2 Hand protection

Vinyl gloves

8.3.3 Eye protection

Safety goggles.

8.3.4 Other

None.

9 Physical and chemical properties

9.1 Appearance

viscous liquid

9.2 Colour

colourless

9.3 Odour

low

9.4 Change of physical state

not applicable

Test method:

9.5 Density

not known

9.6 Vapour pressure

not applicable

9.7 Viscosity

not known

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9.8 Solubility

Solubility in

non soluble

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

Oral LD50 for rats: > 2'000 mg/kg

11.2 Subacute / Chronic toxicity

No adverse effects anticipated by this route of exposure incidental to proper industrial handling.
Direct contact may cause eye irritation. Skin: repeated or prolonged exposure may cause slight irritations.

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.

13 Disposal considerations

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

13.1 EU waste key

07 02 17

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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

Cargo Airplane

max.

Packing Instructions

max.

14.4 Further information

Product is not classified for any mode of transportation.

15 Regulatory information

This product does not require classification according to the criteria of the EC and the "Gefahrstoffverordnung".

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

--- ml/m³ (ppm)

15.9 BVD classification (CH)

15.10 VbF (D)

15.11 Further information

None.

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16 Other information

Version: 2

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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