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 polisiloxane, 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
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
### 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:**

### 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**
### Transport information

14.1 Transport at land

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14.2 Transport at sea

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14.3 Air transport

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**Passenger airplane**

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**Cargo Airplane**

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**max.**

### Further information

Product is not classified for any mode of transportation.

### 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.
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.