

According to Regulation ( EC) No. 1907/2006 (REACH)

Printing date: 23.04.2007

**1. Identification of the substance/preparation and of the company/undertaking**

Product details

1.1. Trade name

**FIT CROWN**

1.2. Application of the substance / the preparation Filler/ Extender

Vinylpolysiloxane for control of friction points

1.3. Manufacturer/Supplier

DEI® ITALIA S.r.l.

Via Torino 765 – 21020 Mercallo ( Varese )

Tel. +39 0331 969270 Fax +39 0331 969271 website: [www.deiitalia.it](http://www.deiitalia.it)E-mail: [info@deiitalia.it](mailto:info@deiitalia.it)

1.4. Information in case of emergency

Ospedale Niguarda di Milano-Centro antiveneni numero di emergenza +39 02 66101029

**2. Hazards identification**

2.1. Hazard description

Slightly irritating to eyes.

2.2. Information concerning to particular hazards to man and environment

It presents no particular risk to the environment provided by comply with the recommendations to art. 13 relating to the disposal, as well as national or local regulatory requirements in force.

2.3. Classification system

Classification corresponds to actual EC guidelines .

**3. Composition/information on ingredients**

3.1. Description/CAS No./Dangerous components

Platinum CAS 068478-92-2

3.2. Mixture

Platinum complex in polydimethylsiloxane, fillers.

**4. First aid measures**

General informations

General information: Medical advice is necessary, if symptoms occur, which are obviously caused by the product

4.1. After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact : Immediately rinse with water . Remove contaminated clothing. If skin irritation continues, consult a doctor.

After eye contact : Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing : If symptoms persist consult doctor. Do not drink.

**5. Fire-fighting measures**

5.1. Suitable extinguishing agents

Water spray, CO2, dry chemical powder, appropriate foam.

According to Regulation (EC) No. 1907/2006 (REACH)

Printing date: 23.04.2007

5.2. For safety reasons unsuitable extinguishing agents

5.3. Special hazards caused by the substance, its products of combustion or resulting gases

5.4. Protective equipment

Do not stay in dangerous zone without suitable chemical protection clothing and selfcontaining breathing apparatus. Cool with water spray containers exposed to heat.

## 6. Accidental release measures

6.1. Person-related safety precautions

It does not require special precautions for the operator.

6.2. Measures for environmental protection

Do not allow to enter drains /surface water/ ground-water.

6.3. Measures for cleaning/collecting

Use a self-emulsifying solvent suitable for cleaning. Smaller quantities can be disposed of with household waste.

## 7. Handling and storage

7.1. Information for safe handling

The product should only be supplied or handled to dentists or dental technicians or upon their instructions

Handling procedures: no procedures, if correctly handled

7.2. Information about fire - and explosion protection

It does not present any particular risk to the environment.

7.3. Requirements to be met by storerooms and receptacles

Are not necessary technical specifications.

7.4. Further information about storage conditions

Keep away from highly flammable substances. Keep away from food stuffs.

Incompatible materials: Strong oxidizers.

## 8. Exposure controls and personal protection gear

8.1. Ingredients with limit values that require monitoring at the workplace

Components with limits of values to be supervised at the workplace:

| CAS-No.     | Name     | value unit            |
|-------------|----------|-----------------------|
| 068478-92-2 | Platinum | 0,1 mg/m <sup>3</sup> |

8.2. Personal protective equipment/Respiratory protection/Protection of hands/Eye protection

Wear work clothes.

General measures of protection and hygiene:

do not eat, drink or smoke during handling; avoid contact with eyes or skin

respiration: required when vapours/aerosols are generated, Filter required

hands: Wear gloves

eyes: glasses recommended

According to Regulation (EC) No. 1907/2006 (REACH)

Printing date: 23.04.2007

### 9. Physical and chemical properties

#### 9.1. General Information

Form: fluid

Colour: white

Odour: neutral

Value Unit Method

Information on change in the physical state

Melting point/melting range: n.d.

Boiling point/boiling range:

Ignition temperature: > 400 °C

Flash point: >200°C

Specific gravity: 1,24 g/cm<sub>3</sub> a 25° C

Density (20°C; 68 °F):

Vapour pressure (20°C; 68 °F):

Viscosity: c.a. 20 Pas

pH: not available

Solubility in/miscibility with: Dispersible (partial solubilisation) in diethyl ether - aliphatic hydrocarbons - aromatic hydrocarbons (toluene, xylene) - chlorinated solvents

#### 9.2. Further informations

### 10. Thermal decomposition / conditions to be avoided

#### 10.1. Thermal decomposition

Stable at room temperature.

#### 10.2 Dangerous reactions

It reacts with strong oxidants.

#### 10.3. Dangerous decomposition products

None by proper use

#### 10.4. Conditions to be avoided

#### 10.5. Incompatible materials

strong oxidant.

### 11. Toxicological information

#### 11.1. Acute toxicity

LD50 (oral/rat): 2000 mg/kg

LD50 (dermal/rat): 2000 mg/kg

Primary irritation:

skin: not

eye: not

inhalation: not

Sensitization of product: not observed

#### 11.2. Additional toxicological information

The product should be handled with the care usual when dealing with chemicals

## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

Printing date: 23.04.2007

### 12. Ecological information

#### 12.1. General note

Do not allow to come in the environment or canalisation. Poorly biodegradable.

Water hazard class 1 (WGK1) (Self-assessment): slightly hazardous

### 13. Disposal considerations

#### 13.1. Product

Recommendation:

Use proper landfill disposal in accordance with local, state and federal regulations.

#### 13.2. Uncleaned packaging

Recommendation:

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

### 14. Transport information

#### 14.1. UN Number

#### 14.2. Chemical Name

#### 14.3. Class

#### 14.4. Packing group

#### 14.5. Hazard

#### 14.6. Special precautions for the transporter

#### 14.7. Transport/Additional information

The transport regulations are cited according to international regulations and in the form applicable in Europe. Possible national deviations in other countries are not considered.

### 15. Regulations

#### 15.1. Labelling according to EU guidelines

In handling chemicals observe the general safety precautionary.

The product is not subject to classification according to the calculation method of the "General of the European Community on the classification of preparations" in the latest valid version.

In accordance with EU Directives The product is not subject to identification and labeling.

### 16. Altre informazioni

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship