

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 11.02.2010

Version: 3

Revision: 10.10.2007

1 Identification of substance:

- **Product details:**
- **Trade name:** ReVeneer Opaker
- **Article number:** 23222.-1
- **Application of the substance / the preparation** Masking material
- **Manufacturer/Supplier:**
Schütz Dental GmbH, Dieselstrasse 5-6, D-61191 Rosbach v.d.H. (Germany)
Tel.: +49 (0)6003/814-0 Fax: +49 (0)6003/814-900
www.schuetz-dental.de; e-mail: info@schuetz-dental.de
- **Further information obtainable from:** F&E, Tel. +49 (0)6003/814-100
- **Information in case of emergency:** +49 (0)6003/814-0 (8:00-17:00 h)

2 Hazards identification

- **Hazard description:** not applicable
- **Information concerning to particular hazards to man and environment**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **GHS label elements**
Safety data sheet available on request.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Liquid based on methacryl acid ester, containing an activator.

· **Dangerous components:**

10373-78-1	D,L-Campherchinon	☒ Xi; R 36/37/38 Warning: ⚠ 3.2/2, 3.3/2, 3.8/3	< 2.5%
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- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information** Immediately remove any clothing soiled by the product.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing**
Rinse out mouth and then drink plenty of water.
Seek medical treatment.

5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with full jet.
- **Protective equipment:**
No special measures required.

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Do not inhale explosion gases or combustion gases.

6 Accidental release measures

- **Person-related safety precautions:**

- Ensure adequate ventilation

- Keep people at a distance and stay on the windward side.

- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.

- **Measures for cleaning/collecting:**

- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling**

- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.

- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.

- **Storage**

- **Requirements to be met by storerooms and receptacles:**

- Close container immediately after use and protect product from light incidence.

- Store at temperatures between +15 °C and +25 °C only.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:** None.

8 Exposure controls and personal protection gear

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

- The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment**

- **General protective and hygienic measures** Immediately remove all soiled and contaminated clothing

- **Respiratory protection:**

- Use suitable respiratory protective device only when aerosol or mist is formed.

- **Protection of hands:** Protective gloves.

- **Material of gloves** Butyl rubber, BR

- **Penetration time of glove material**

- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Safety glasses

9 Physical and chemical properties:

- **General Information**

Form: Pasty

Colour: According to product specification

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Odour:	Weak, characteristic
· Change in condition Melting point/Melting range: undetermined Boiling point/Boiling range: 101°C	
· Flash point:	101°C
· Ignition temperature:	370°C
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Density:	Not determined
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix
· Solvent content: Organic solvents:	0.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Materials to be avoided:**
In presence of radical formers (e. g. peroxides), deoxidizing substances, and/or heavy metal ions, polymerization with heat release is possible.
- **Dangerous reactions** Exothermic polymerization
- **Dangerous decomposition products:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** LD50 > 5000 mg/kg rat
- **Primary irritant effect:**
- **on the skin:** Slightly irritating.
- **on the eye:** Slightly irritating.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information:

- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
Do not allow product to reach ground water, water course or sewage system.

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13 Disposal considerations

- **Product:**

- **Recommendation**

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

- **European waste catalogue**

08 01 12	waste paint and varnish other than those mentioned in 08 01 11
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- **Uncleaned packaging:**

- **Recommendation:**

Disposal must be made according to official regulations.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

- **Recommended cleansing agents:** Alcohol

14 Transport information

- **Land transport ADR/RID (cross-border)**

- **ADR/RID class:** -

- **Maritime transport IMDG:**

- **IMDG Class:** -

- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** -

- **UN "Model Regulation":** -

15 Regulations

- **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

- **Special labelling of certain preparations:**

Safety data sheet available for professional user on request.

- **National regulations**

- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

16 Other information:

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.

- **Relevant R-phrases**

36/37/38 Irritating to eyes, respiratory system and skin.

- **Department issuing MSDS:** F & E

- **Contact:** Dr. U. Krichbaum

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· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

· * Data compared to the previous version altered.

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