

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

- Product details
- Trade name: **Vision-Classic pasta ceramic**
- Application of the substance / the preparation Auxiliary for dental technology
- Manufacturer/ Supplier:

WOHLWEND AG  
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 E-Mail: [info@wohlwend-ag.com](mailto:info@wohlwend-ag.com)

- Further information obtainable from: Technical Operations
- Information in case of emergency  
 Office of Public Health, Medical Devices, FL-9490 Vaduz

**2 Hazards identification**

- **Information concerning particular hazards for human 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 last valid version.
- **Classification systems:**  
 The classification is according to the latest editions of the EU-lists, and extended by company and literature data..

**3 Composition/information on ingredients**

- **Chemical characterization**
- **Description:**  
 Mixture of substance listed below with nonhazardous additions.  
 Mixture: consisting of the following components. Glass, Ceramics

• **Dangerous components:**

CAS: 7646-85-7	zinc chloride				< 0,1%	
EINECS: 231-592-0		C		Xn		N R 22-34-50/53
CAS: 56-81-5	EINECS: 200-289-5		Glycerol		< 30%	

- **Additional information:** For the wording of listed risk phrases refer to selection 16.

**4 First aid measures**

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctors in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

**5 Fire-fighting measures**

- **Suitable extinguishing agents:**  
 CO2, powder or water sprays, Fight larger fire water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

**6 Accidental release measures**

- **Person-related safety precautions:** Not required.
- **Measure for environmental protection:** No special measures required.
- **Measure 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:** No special measures required.
- **Information about fire- and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required
- **Further information about storage conditions:** None.

**8 Exposure controls/personal protections**

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**  
 56-81-5 glycerol  
 WEL Long-term value: 10 mg/m<sup>3</sup>
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
 The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation  
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
 Selection of glove material on consideration of the penetration time, rate of diffusion and the degradation.
- **Material of gloves**  
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substance, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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:** Goggles recommended during refillin.

**9 Physical and chemical properties**

• **General Information**

<b>Form :</b>	Paste
<b>Colour:</b>	According to product specification
<b>Odour :</b>	Characteristic
• <b>Change in condition</b>	
<b>Melting point/ Melting range:</b>	Undetermined.
<b>Boiling point/ Boiling range:</b>	Undetermined.
• <b>Flash point:</b>	Not applicable.
• <b>Self-igniting:</b>	Product is not selfigniting.
• <b>Danger of explosion:</b>	Product does not present an explosion hazard.
• <b>Density at 20°C:</b>	Undetermined.
• <b>Solubility in/Michibility with water:</b>	Insoluble.
• <b>pH-value at 20°C:</b>	Undetermined.
• <b>Solvent content</b>	
<b>Oranic solvents</b>	≤ 30.0%
• <b>Solids content:</b>	≤ 80.0%

**10 Stability and reactivity**

- **Thermal decomposition/ conditions to be avoided:**  
 No decomposition if used according to be specifications.
- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effects:**
- **on the skin:** no irritant effects.
- **on the eyes:** no irritant effects.
- **Sensitization:** No sensitizing effects known.
- **Addition toxicological information:**  
The product is not subject to classification according to the calculation method of the General EU Classification Guideline for Preparations as issued in the latest version.

### 12 Ecological information

- **General notes:** Generally not hazardous for water

### 13 Disposal consideration

- **Product:**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be according to official regulations.

### 14 Transport information

- **Land transport ADR/RID (cross-border):** -
- **ADR/RID Class:** -
- **Maritime transport IMDG:**
- **Marine pollutant:** No
- **UN "Model Regulation":**-

### 15 Regulatory information

- **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).
- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water

### 16 Ohters information

**Department issuing MSDS:** Research and Development  
WOHLWEND AG, Tel. +423 373 42 43

#### 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

GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society)