

## 1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Reinforced Cavity Lining Powder  
 Product Code: 140, 148

Application: With Schottlander reinforced cavity lining liquid forms a liner under restorations.

Company: Davis Schottlander & Davis Ltd  
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## 2. HAZARD IDENTIFICATION

Classification – EC 1272/2008 Acute Tox. 4: H302, Aquatic Chronic 1: H410

### Label elements



Hazard pictograms:  

Signal word: Warning

Hazard Statment: Acute Tox. 4: H302 – Harmful if swallowed.  
 Aquatic Chronic 1: H410 – Very toxic to aquatic life with long lasting effects.

Precautionary Statement: P264 – Wash thoroughly after handling.  
 Prevention P270 – Do not eat, drink or smoke when using this product.  
 P273 – Avoid release to the environment.

Precautionary Statement: P301+P312 – IF SWALLOWED: Call a POISON CENTRE/doctor  
 Response if you feel unwell.  
 P330 – Rinse mouth.  
 P391 – Collect spillage.

Precautionary Statement: P501 – Dispose of contents/container to  
 Disposal

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Index No.	CAS No.	EC No.	Conc. (%w/w)	Classification
Zinc oxide	030-013-00-7	1314-13-2	215-222-5	70-80%	Aquatic Acute 1: H400 Aquatic Chronic 1: H410

**4. FIRST AID MEASURES****Description of first aid measures**

- Inhalation:** Move the exposed person to fresh air.
- Eye contact:** Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
- Skin contact:** Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water.
- Ingestion:** DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

**Most important symptoms and effects, both acute and delayed**

- Inhalation:** May cause irritation to mucous membranes.
- Eye contact:** May cause Irritation to eyes.
- Skin contact:** May cause Irritation to skin.
- Ingestion:** May cause irritation to mucous membranes.

**Indication of any immediate medical attention and special treatment needed**

None.

**5. FIRE FIGHTING MEASURES****Extinguishing media**

Use extinguishing media appropriate to the surrounding fire conditions.

**Special hazards arising from the substance or mixture**

Burning produces irritating, toxic and obnoxious fumes.

**Advice for firefighters**

Wear suitable respiratory equipment when necessary.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation of the working area.

**Environmental precautions**

Do not allow product to enter drains. Prevent further spillage if safe.

**Methods and material for containment and cleaning up**

Clean spillage area thoroughly with plenty of water. Sweep up. Transfer to suitable, Labelled containers for disposal

**Reference to other sections**

Section 13: Disposal considerations.

**7. HANDLING AND STORAGE****Precautions for safe handling**

Adopt best manual handling considerations when handling, carrying and dispensing. Avoid Contact with eyes and skin. Ensure adequate ventilation of the working area.

**Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed. Keep in a cool, dry well ventilated area. Store in correctly labelled containers.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Appropriate engineering controls**

Ensure adequate ventilation of the working area.

**Individual protection measures**

Wear protective clothing

**Eye/Face protection**

Approved safety goggles/eye shields.

**Skin/Hand protection**

Chemical resistant gloves (PVC).

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Powder
<b>Colour:</b>	White/off white
<b>Odour:</b>	Odourless
<b>Other information:</b>	No data available.

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No data available.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No data available.
<b>Conditions to avoid:</b>	Heat and moisture.
<b>Incompatible materials:</b>	Strong acids.
<b>Hazardous decomposition products:</b>	Carbon dioxide (CO <sub>2</sub> ).

**11. TOXICOLOGY INFORMATION**

<b>Toxicological information:</b>	Zinc oxide	Oral Rat LD50: 15000 mg/kg.
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**12. ECOLOGICAL INFORMATION****Toxicity:**

Zinc oxide      Daphnia EC50/48h: 1000 mg/l      Fish LC50/96h: 1.1 mg/l

**Persistence and degradability:**      No data available.

**Bioaccumulative potential:**      No data available on this product.

**Mobility in soil:**      No data available on this product.

**Results of PBT & vPvB assessment:**      No data available.

**Other adverse effects:**      No data available.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

Dispose of in compliance with all local and national regulations.

**Disposal methods**

For disposal within the EC the appropriate code according to the European Waste Catalogue (EWC) should be used.

**Disposal of packaging**

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## 14. TRANSPORT INFORMATION

### Special precautions for users

No data available.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

No data is available on this product.

### Chemical safety assessment

No data available.

## 16. FURTHER INFORMATION

The data given above covers exclusively the safety requirements of the product(s) and is based on our current knowledge and experience. It does not signify any warranty with regards to the products properties. This product is only supplied for specific uses in dentistry and must be used in accordance with the directions for use.