

## 1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Opus PCF  
 Product Code: 058  
 Application: Luting cement and base/liner.

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## 2. HAZARD IDENTIFICATION

### Classification of the substance or mixture:

**Classification:** 67/548/EEC  
**Main hazards:** Irritating to skin. Very toxic to aquatic organisms.  
**Classification – EC:** 1272/2008  
 Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

### Label elements:

Hazard pictograms:



**Signal Word:** Warning  
**Hazard Statement:** Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  
**Precautionary Statement:** P273 - Avoid release to the environment.  
 Prevention  
**Precautionary Statement:** P391 - Collect spillage.  
 Response  
**Precautionary Statement:** P501 – Dispose of contents/container.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance:**  
 EC 1272/2008

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
Heavy Magnesium Oxide (Magnesium oxide (as Mg))		1309-48-4	215-171-9	1-10%	
Stannous Fluoride		7783-47-3	231-999-3	1-10%	

#### 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.

**Specific end use(s):**

None.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limit Values:**

Heavy Magnesium Oxide (Magnesium oxide (as Mg))	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m3 total inhalable dust WEL 8-hr limit mg/m3 total respirable dust	WEL 8-hr limit mg/m3: WEL 15 min limit mg/m3: 10 WEL 15 min limit mg/m3 total inhalable dust WEL 15 min limit mg/m3 total respirable dust
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**Exposure controls:**

**Appropriate engineering controls:**

Ensure adequate ventilation of the working area.

**Individual protection measures:**

Wear protective clothing.

**Eye / face protection:**

In case of splashing, wear approved safety goggles.

**Skin protection:**

Chemical resistant gloves (PVC).

**Hand protection:**

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties:**

**Appearance:** Powder

**Colour:** White/Off white

**Odour:** Odourless

**Other information:**

No data is available on this product.

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No data is available on this product.
<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. Strong bases.
<b>Hazardous decomposition products:</b>	No data is available on this product.

**11. TOXICOLOGY INFORMATION**

No data available.

**12. ECOLOGICAL INFORMATION**

<b>Toxicity:</b>	No data available.
<b>Persistence and degradability:</b>	No data is available on this product.
<b>Bioaccumulative potential:</b>	No data is available on this product.
<b>Mobility in soil:</b>	No data is available on this product.
<b>Other adverse effects:</b>	No data available.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste treatment methods:</b>	Dispose of in compliance with all local and national regulations.
<b>Disposal methods:</b>	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
<b>Disposal of packaging:</b>	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## 14. TRANSPORT INFORMATION

**Special precautions for user:** Environmental precautions.  
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 available.

**Chemical safety assessment:**

No data is available on this product.

## 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.