



**NATIONAL POISONS INFORMATION 13 11 26**

**MATERIAL SAFETY DATA SHEET**

Page 1 of 3

MSDS No: 046  
ISSUE No: 3

**IMPORTANT**

Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product.

**1. IDENTIFICATION.**

Product Name : Reinforced Zinc Oxide Eugenol Filling Material Powder.  
Company Name : Surrey Precision Dental  
Company Address : 6 Westwood Court Calmore Industrial estate Totton SO40 3WX, England.  
Company Phone No. : 02380 866677

**2. COMPOSITION/INFORMATION ON PREPARATION.**

Compositions given are typical values, not specifications.

<u>Components Name</u>	<u>% Weight</u>	<u>Cas No.</u>	<u>EINECS No.</u>
Zinc Oxide	<93%	1314-13-2	
Methyl Methacrylate Polymer	6%		
Silica (Amorphous)	<1%	7631-86-9	231-545-4
Zinc Acetate	1%	5970-45-6	

**3. HAZARDS IDENTIFICATION.**

Risk Phrases :

**4. FIRST AID MEASURES.**

Inhalation : Remove to fresh air. If irritation persists seek medical attention.  
Skin Contact : Wash with soap and water. If irritation persists seek medical attention  
Eye Contact : Flush with copious amounts of water. If irritation persists seek medical attention.  
Ingestion : Rinse mouth with water. Drink approx. 250ml of water. In severe cases seek medical attention.  
Emergency Medical Treatment :

**5. FIRE FIGHTING MEASURES.**

Use extinguisher suitable to cause of fire and its surroundings.

**6. ACCIDENTAL RELEASE MEASURES.**

Sweep up excess and transfer into suitable containers for disposal. Wipe residue with a damp cloth and thoroughly rinse to drain.

**7. HANDLING AND STORAGE.**



## NATIONAL POISONS INFORMATION 13 11 26

# MATERIAL SAFETY DATA SHEET

Page 2 of 3

MSDS No: 046  
ISSUE No: 3

---

Handling	:	No handling problems are likely to be encountered provided normal safe practices of hygiene are applied. Avoid raising dust.
Storage	:	Store in a cool dry place.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

Occupational Exposure Limits	:	
Personal Protection	:	
- Respiratory Protection	:	Dust respirator may be required in extreme cases of dust evolution.
- Skin Protection	:	Overalls, rubber gloves.
- Eye Protection	:	Goggles/eyesields.
Industrial Hygiene	:	Wash hands thoroughly after contact with this product.
Others	:	

### 9. PHYSICAL AND CHEMICAL PROPERTIES.

Physical State at 25°C	:	Powder.
Colour	:	White.
Odour	:	Odourless.
Freezing Point (°C)	:	
Initial Boiling Point (°C)	:	
Density at 25°C (kg/m <sup>3</sup> )	:	
Vapour Pressure (mm Hg) at 25°C	:	
Relative Vapour Density (air=1)	:	
Viscosity at 25°C (mPas)	:	
Solubility in Water (% weight)	:	Insoluble
Flash Point (°C)	:	N/A.
Auto Ignition Temperature (°C)	:	N/A.
Flammability Limits in Air	:	
- Lower (% vol)	:	N/A.
- Upper (% vol)	:	N/A.

### 10. STABILITY AND REACTIVITY.



**NATIONAL POISONS INFORMATION 13 11 26**

**MATERIAL SAFETY DATA SHEET**

MSDS No: 046  
ISSUE No: 3

Page 3 of 3

Stable.  
Non-reactive.

**11. TOXICOLOGICAL INFORMATION.**

May cause irritation to skin and eyes in susceptible persons.

**12. ECOLOGICAL INFORMATION.**

**13. DISPOSAL CONSIDERATIONS.**

In accordance with local authorities.

**14. TRANSPORTATION INFORMATION.**

**15. REGULATORY INFORMATION.**

The information in this MSDS does not constitute an assessment of workplace risks.

**16. OTHER INFORMATION.**

Handling of product exclusively by dental specialists according to instructions for use.

---

**REVISED DATE: 14/09/00**

**ISSUE No: 3**

**SUPERSEDES ISSUE: 2**

---

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself.

The contents and format of this MSDS are in accordance with EEC Commission Directive 91/155/EEC.

**DISCLAIMER OF LIABILITY**

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**Emergency Phone No: 02380 866677**