



NATIONAL POISONS INFORMATION 13 11 26

MATERIAL SAFETY DATA SHEET

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MSDS No: 127
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 Liquid.
Company Name : Surrey Precision Dental
Company Address : 6, Westwood Court Calmore Industrial Estate Totton Hants 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>
Eugenol	>99%	97-53-0	202-589-1
Other Ingredients	<1%		

3. HAZARDS IDENTIFICATION.

Risk Phrases : Irritant.
R38. Irritating skin.

4. FIRST AID MEASURES.

Inhalation : Remove to fresh air, rest and keep warm. If irritation persists seek medical attention.
Skin Contact : Wash thoroughly 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 plenty of water. Seek medical attention immediately.
Emergency Medical Treatment :

5. FIRE FIGHTING MEASURES.

Carbon Dioxide, foam or dry powder. Do not use water jets.

6. ACCIDENTAL RELEASE MEASURES.

Do not allow entry into drains, storm water or soil. Soak up spillage using absorbent material, (i.e. sand, sawdust, etc.) and transfer into suitable containers for disposal.

7. HANDLING AND STORAGE.



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Handling	:	Use in a well ventilated area. Avoid direct inhalation, contact with skin and contact with eyes.
Storage	:	Store in full dry airtight containers away from sources of ignition.
Recommended Packaging	:	Lacquer lined container, glass, aluminium.
Packaging materials to be avoided	:	Plastic and uncoated metal containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

Occupational Exposure Limits	:	
Personal Protection	:	
- Respiratory Protection	:	Respiratory protection may be required in poorly ventilated areas.
- Skin Protection	:	Overalls, rubber gloves.
- Eye Protection	:	Goggles/eyeshields.
Industrial Hygiene	:	Wash hands thoroughly after contact with this product.
Others	:	

9. PHYSICAL AND CHEMICAL PROPERTIES.

Physical State at 25°C	:	Liquid.
Colour	:	Colourless to Pale Yellow.
Odour	:	Eugenol Fragrance (Cloves).
Freezing Point (°C)	:	
Initial Boiling Point (°C)	:	
Density at 25°C (kg/m ³)	:	
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)	:	101°C
Auto Ignition Temperature (°C)	:	
Flammability Limits in Air	:	
- Lower (% vol)	:	
- Upper (% vol)	:	

10. STABILITY AND REACTIVITY.



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Stable at ambient temperatures.

Conditions to avoid : Avoid sources of ignition. Avoid temperatures greater than 25°C.
Materials to avoid : Strong acids and/or alkalis. Oxidising agents.
Hazardous decomposition products : Combustion produces carbon dioxide, carbon monoxide and smoke.

11. TOXICOLOGICAL INFORMATION.

Oral LD₅₀ >2650mg/kg (RAT).

12. ECOLOGICAL INFORMATION.

Prevent contamination of soil, ground and surface water.

13. DISPOSAL CONSIDERATIONS.

In accordance with local authorities.

14. TRANSPORTATION INFORMATION.

15. REGULATORY INFORMATION.

Supply Label Details : Ref. Chip 99.
Label Name : Reinforced Zinc Oxide Eugenol Filling Material Liquid. Contains Eugenol.
Symbols : Irritant.
Risk Phrases : 38. Irritating to skin.
Safety Phrases : 24/25. Avoid contact with skin and eyes.

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: 11/09/00

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.

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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