

# Ainsworth Dental Company

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## MATERIAL SAFETY DATA SHEET

### 1. NAME OF PRODUCT

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Product Name: **Zinc Oxide – Quick Set & Regular**  
Product Code: AIZO  
Used for: Used as a temporary sedative cement when mixed with eugenol.  
Supplier/Manufacturer: Ainsworth Dental Company

### 2. CHEMICAL ANALYSIS

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Formula:	%:	CAS No:
Zinc Oxide	>80%	1314-13-2
Zinc Acetate	<20%	557-34-6
Rosin	<0.01%	

### 3. POSSIBLE HAZARDS

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Hazardous in case of inhalation. Slightly hazardous in case of skin contact, of eye contact, of ingestion.

### 4. FIRST AID MEASURES

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Ingestion: Do not induce vomiting. Seek medical advice if symptoms appear.  
Inhalation: Remove victim to fresh air. Seek medical advice if necessary.  
Skin: Wash with soap and water.  
Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical advice if irritation occurs.

### 5. FIRE FIGHTING MEASURES

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Non-flammable.

### 6. SPILLS & LEAKAGE MEASURES

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Sweep up, but avoid generating dust. Put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface.

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### 7. HANDLING AND STORAGE

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Handling: Avoid generating dust.  
Use good occupational work practices.

Storage: Use adequate ventilation.  
Keep container tightly closed.  
Keep container in a cool, well-ventilated area.  
Do not store above 25°C

### 8. PERSONAL PROTECTION GEAR

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Protection: Wear approved dust masks & safety goggles/glasses.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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Form: Fine Powder  
Colour: White  
Odour: Odourless  
Solubility in water: Insoluble  
Flash Point: N/A  
Density: N/A  
Flammability limit: N/A  
Boiling Range: N/A  
Melting Point: 1975°C

### 10. STABILITY AND REACTIVITY

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Conditions to avoid:  
Hazardous Decomposition products:  
Incompatibility (Materials to avoid) Reacts violently with magnesium, linseed oil.  
Stability: Stable  
Hazardous Polymerization: Will not occur.  
Reaction: Zinc Oxide fumes may react with chlorinated rubber.

### 11. TOXICOLOGY INFORMATION

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Hazardous in case of inhalation. Slightly hazardous in case of skin contact, of ingestion.

### 12. ECOLOGICAL INFORMATION

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Non-toxic to the environment.

### 13. DISPOSAL INSTRUCTIONS

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Normally suitable for disposal at approved land waste sites.

### 14. TRANSPORTATION INSTRUCTIONS

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Land transport: No restrictions  
Sea transport: No restrictions  
Air Transport: No restrictions

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## MATERIAL SAFETY DATA SHEET

### **15. REGULATIONS**

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Hazard Classification:

### **16. OTHER INFORMATION**

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The data and information given in this Material Safety Data Sheet are accurate on the date of preparation. It does not indicate any warranty or representation. We disclaim all liability relating to use of this material since this is beyond our control.

**SYDNEY  
NOVEMBER 2010**