

# MATERIAL SAFETY DATA SHEET

## 1. Name of product and company:

Product Name: **Zinc Phosphate Cement Powder**

MANUFACTURER: CONFIDENTAL PRODUCTS CO.  
ADDRESS: 416 SOUTH TAYLOR AVENUE  
LOUISVILLE, COLORADO 80027

FOR INFORMATION CALL: (303) 665-7535  
CHEMTREC: (800) 424-9300

DATE PREPARED: June 3, 2004

## 2. Composition/Information on Ingredients:

A. Substances which give the product its health-risk properties, if any.

Zinc Oxide  
Magnesium Oxide  
Silicon Dioxide  
Bismuth Subnitrate

## 3. Hazardous properties:

Physical/Chemical Hazards:	No data
Human Health Hazards:	Prolonged inhalation of powder may cause tightness of chest
Environmental Hazards:	Not determined.

## 4. First aid measures:

### Effects and Symptoms:

Inhalation:	Prolonged inhalation of powder may cause tightness of chest, cough, dizziness, fever, chills, headache, nausea, and dry throat
Skin contact:	Moderate skin irritation
Eye contact:	Mild eye irritation

### First Aid Measures:

Inhalation:	Remove to fresh air
Skin contact:	Wash with soap and water. If irritation persists, contact physician.
Eye contact:	Flush with copious amounts of water. If irritation persists, contact physician.
Ingestion:	Do not induce vomiting. Contact physician immediately

# MATERIAL SAFETY DATA SHEET

## 5. Fire fighting measures:

### Extinguishing Media

Extinguishing Media:	Material is not flammable
Special fire-fighting procedures:	None
Unusual fire/explosion hazards:	None
Hazardous thermal (de) composition products:	No data
Protection of fire fighters:	Firefighters should wear self contained breathing apparatus due to dust

## 6. Accidental release measures:

Personal precautions:	Gloves and eye protection suggested
Environmental Precautions and Clean-up Methods:	Sweep up any spilled powder trying to minimize any dusting

## 7. Handling and storage:

Handling:	
Technical Precautions:	To be handled by qualified dental professionals
Precautions:	Follow the instructions for use
Storage:	Store at or below room temperature. Keep container dry. Keep container in well-ventilated area

## 8. Exposure control/personal protection:

Personal Protective Equipment	
Respiratory system:	Respiratory protection is recommended when using large amounts
Skin and body:	Lab coat
Hands:	Gloves
Eyes:	Safety glasses or splash goggles

## 9. Physical and chemical properties:

Physical State and Appearance:	Dense White powder
Odor:	No odor
Boiling Point:	ND
Melting Point:	> 3000 °F
Specific Gravity:	> 5.0
Solubility:	Negligible
Flash Point:	ND
Flammability:	ND
Autoignition Temperature:	ND
Explosion Properties:	None

# MATERIAL SAFETY DATA SHEET

## 10. Stability and reactivity:

Stability:	This material is stable
Conditions to Avoid/Materials to Avoid:	None
Hazardous Reactions:	None
Hazardous Decomposition Products:	None

## 11. Toxicological information:

Skin Irritation:	Irritation to skin can occur
Eye Irritation:	Irritation to the eyes can occur

## 12. Ecological information:

May cause adverse environmental impact if material reaches waterways.

## 13. Waste disposal:

Methods of disposal; Waste of Residues; Contaminated Packaging:	Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.
--	--

## 14. Transport information:

**Additional Information:** Not required

## 15. Regulatory information:

Symbols of Danger:

R-Phrase:

R20/21: Harmful by inhalation and in contact with skin

R36: Irritating to eyes

S-Phrase:

S24/25: Avoid contact with skin and eyes

S36/37/39: Wear suitable protective clothing, gloves and eye/face  
protection

## 16. Other information:

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*