

# MATERIAL SAFETY DATA SHEET

## 1. Name of product and company:

Product Name: **Glass Ionomer Powder**

Supplier: CONFIDENTAL PRODUCTS CO.  
416 SOUTH TAYLOR AVENUE  
LOUISVILLE, COLORADO 80027  
(303) 665-7535

Emergency Telephone Number: CHEMTREC: (800) 424-9300

Date of Issue: June 16, 2003

## 2. Composition/Information on Ingredients:

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

Fluoride Releasing Ionomer Glass  
Silica

## 3. Hazardous properties:

Physical/Chemical Hazards: None known

Human Health Hazards: Prolonged or repeated exposure may cause upper respiratory tract irritation

Environmental Hazards: Not determined

## 4. First aid measures:

### Effects and Symptoms:

Inhalation: Irritation of respiratory tract. Signs and symptoms may include cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain

Skin contact: Mild irritant. Mechanical skin irritation signs and symptoms may include abrasion and redness

Eye contact: Mild irritant. Mechanical eye irritation signs and symptoms may include pain, redness, tearing, and corneal abrasion

### First Aid Measures:

Inhalation: Remove to fresh air, get medical attention if symptoms persist

Skin contact: Wash with soap and water, get medical attention if symptoms persist

Eye contact: Flush with water, get medical attention if symptoms persist

Ingestion: Seek medical attention, no health effects are expected

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<b>5. Fire fighting measures:</b>	
<b><u>Extinguishing Media</u></b>	
Extinguishing Media:	Material is not flammable
Special fire-fighting procedures:	Normal fire fighting procedures and equipment should be used
Unusual fire/explosion hazards:	None reported
Hazardous thermal (de) composition products:	None
Protection of fire fighters:	None required
<b>6. Accidental release measures:</b>	
Personal precautions:	Gloves and eye protection suggested. Respirator should be worn when using large amounts and dusty conditions are present
Environmental Precautions and Clean-up Methods:	No special procedure, try to minimize dusting
<b>7. Handling and storage:</b>	
Handling:	
Technical Precautions:	To be handled by qualified dental professionals
Precautions:	Follow the instructions for use, avoid eye contact
Storage:	Store in a moisture free environment
<b>8. Exposure control/personal protection:</b>	
Personal Protective Equipment	
Respiratory system:	Respiratory required with large amounts and dusting occurs
Skin and body:	Lab coat
Hands:	Gloves
Eyes:	Safety glasses or splash goggles
<b>9. Physical and chemical properties:</b>	
Physical State and Appearance:	Off white glass powder
Odor:	No odor
Boiling Point:	ND
Melting Point:	ND
Specific Gravity:	> 1
Solubility:	Insoluble
Flash Point:	ND
Flammability:	ND
Autoignition Temperature:	ND
Explosion Properties:	ND

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<b>10. Stability and reactivity:</b>	
Stability:	This material is stable
Conditions to Avoid/Materials to Avoid:	None
Hazardous Reactions:	None
Hazardous Decomposition Products:	None
<b>11. Toxicological information:</b>	
Skin Irritation:	Irritation to skin may occur with repeated exposure
Eye Irritation:	Irritation to the eye may occur with repeated exposure
<b>12. Ecological information:</b>	
Not determined	
<b>13. Waste disposal:</b>	
Methods of disposal; Waste of Residues; Contaminated Packaging:	Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations
<b>14. Transport information:</b>	
<b>Additional Information:</b> None required	
<b>15. Regulatory information:</b>	
R-Phrase:	
R20: Harmful by inhalation	
S-Phrase:	
None required	
<b>16. Other information:</b>	
<p><i>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.</i></p>	