

## **SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION**

Components: Silica Fumed  
Percent 100%  
OSHA PEL: N/A  
ACGIH TLV N/A  
Other Limits Recommended: N/A

## **SECTION 2 - CHEMICAL CHARACTERISTICS**

Boiling Point: N/A  
Melting Point: N/A  
Vapor Pressure: N/A  
Specific Gravity: N/A  
Vapor Density: N/A  
Solubility in Water: YES  
Evaporation Rate: N/A  
Water Reactive: NO  
Appearance and Odor: Snow-white, fluffy powder

## **SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

Flash Point: Nonflammable  
Auto Ignition Temp: N/A  
Flammability limits in air: N/A  
LEL: N/A  
UEL: N/A  
Extinguishing Media: Noncombustible  
Special Fire Fighting Proc: MSHA/NIOSH APPROVED RESPIRATOR AND PROTECTIVE CLOTHING.  
Unusual Fire & Expl Hazrds: N/A

## **SECTION 4 - REACTIVITY HAZARD DATA**

Stability: STABLE  
Cond to Avoid (Stability): WATER AND MOISTURE.  
Materials to Avoid: Strong Acids  
Hazardous Decomp. Prod: N/A  
Hazardous Polymerization: WILL NOT OCCUR  
Cond. to avoid (Poly): NO ADDITIONAL REMARKS

## **SECTION 5 - HEALTH HAZARD DATA**

Route of Entry - Inhalation: YES  
Route of Entry - Skin: YES

Route of Entry - Ingestion: YES  
Carcinogen Listed in: NOT LISTED  
Health Hazard, Acute: Harmful if inhaled. May be harmful if swallowed. Cause eye irritation. Irritating to mucous membranes and upper respirator tract. May cause skin irritation.  
Health Hazard, Chronic: Target organ: Lungs.  
Symptoms of Exposure:  
Med. Cond. Generally  
Aggravated By Exp: GET MEDICAL ASSISTANCE FOR ALL OVEREXPOSURE.

### **Emergency/First Aid Procedures**

EYES: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers.  
SKIN: In case of contact. Immediately wash skin with soap and copious amounts of water.  
INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respirator. If breathing is difficult, give oxygen.  
INGESTION: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

### **SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

Respiratory Protection: NIOSH/MSHA approved respirator in non-ventilated areas and/or for exposure above the ACGIH TLV.  
Protective Gloves: Rubber gloves.  
Eye Protection: Safety goggles.  
Ventilation To Be Used: Mechanical exhaust required.  
Other Protective Equipment: N/A  
Work Hygienic Practices: Wash thoroughly after handling.

### **SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/ LEAK PROCEDURE**

Steps If Matl. Released/Spill: VENTILATE AREA. ABSORB SPILL WITH AN INERT MATERIAL AND PUT THE SPILLED MATERIAL IN A CLOSED APPROPRIATE WASTE DISPOSAL.  
Waste Disposal Method: CONTACT A PERMITTED WASTE DISPOSER TO ASSURE COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.  
Precautions For Handling/Storing: KEEP BOTTLES LOCKED UP, OUT OF REACH OF CHILDREN. KEEP CONTAINER CLOSED IN A DRY AREA  
Other Precautions: DO NOT GET IN EYES OR ON SKIN. DO NOT  
Other Precautions (cont.) INHALE VAPORS. DO NOT INGEST.  
NFPA RATING: Health 3, Flammability 0, Reactivity 1, Special W.  
HMIS RATING: Health 3, Flammability 0, Reactivity 2, Special J.