



For Chemical Emergency call Infotrac @ 1-800-535-5053
Material Safety Data Sheet

Section 1 - Product Information			
Product Name:	CAB-O-SIL untreated fumed silica		
Chemical Name:	Synthetic Amorphous, Pyrogenic Silica		
Section 2 - Hazardous Ingredients			
Chemical Name	Percentage		
Synthetic Amorphous, Pyrogenic Silica	> 99.9%		
Exposure Limits	Permissible Exposure Limit:	6 mg/m ³	
	Ceiling Limits:	10 mg/m ³	
	Short Term Exposure Limit:	10 mg/m ³	
	Can be hazardous to skin?	May cause drying of skin	
Section 3 - Physical/Chemical Characteristics			
Boiling Point	2230 C	Solubility in Water	Insoluble
Vapor Pressure (mm Hg)	N/A	Specific Gravity (H2O = 1)	2.2
Vapor Density (Air = 1)	N/A	Melting Point	1700 C
Appearance and Odor / Odor threshold	Solid Powder, white, no odor, odor threshold NA		
Evaporation Rate (Butyl Acetate = 1)	N/A	PH	4.0 (4% silica in water)
Freezing Point	1700 C		
Section 4 - Fire and Explosion Data			
Lower Explosive/Flammability Limit	N/A	Flash Point	N/A
Upper Explosive/Flammability Limit	N/A	Autoignition Temperature	Not defined
Extinguishing Media	N/A		
Fire Fighting Measures	None		
Fire or Explosion Hazards	Proper precautions when using CAB-O-SIL fumed silica in the presence of flammable or explosive gasses and liquids should be taken to prevent accidents.		
Section 5 - Reactivity Data			
Chemical Stability	Stable		
Incompatibility	N/A		
Hazardous Decomposition or Byproducts	None		
Hazardous Polymerization	None		

Section 6 - Health Hazard Data	
Routes of Entry	Inhalation, ingestion, eye and skin
Health Hazards	See Signs and Symptoms of Exposure.
Carcinogenicity	Not Listed
Signs and Symptoms of Exposure	Cough, shortness of breath or other breathing problems.
Medical conditions generally aggravated by exposure	
	Dermatitis
Emergency and First Aid Procedures	<i>Eye Contact:</i> Flush lightly with water for 15 minutes, get medical attention
	<i>Skin Contact:</i> Not hazardous
	<i>Inhalation:</i> Remove person to ventilated area.
	<i>Ingestion:</i> Not hazardous

Section 7 - Precautions for Safe Handling and Use	
Spill or Release Data	Spills may be collected, preferably by vacuum, and placed in suitable container for disposal.
Waste Disposal Method	Licensed waste disposal company. Dispose of all wastes in accordance with federal, state and local regulations.
Handling and Storage	Store dry and away from volatile chemicals.
Other Precautions	Avoid creating dust. Clean spills promptly.

Section 8 - Control Measures	
Respiratory Protection	Approved dust/mist respirator for illegal concentrations.
Protective Gloves	Not required
Eye Protection	Safety glasses with side shields or goggles to prevent eye contact.
Other Protective Equip.	N/A
Ventilation	General or local exhaust ventilation to meet exposure limit requirements.
Work/Hygienic Practices	Wash exposed skin/clothing frequently. Clean up all spills immediately!

To the best of our knowledge, the information contained above is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained above.

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 above, we cannot guarantee that these are the only hazards that exist.

Prepared: November 2007