



DiaSource®

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)	Note: Blank spaces are not permitted. If any item is not applicable
Sunblocker wp	or no information is available, the space must be marked to indicate that.
Manufacturer's Name: DiaSource, Inc.	Emergency Telephone Number: (208) 384-5063
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for Information: (208) 384-5063
4656 N. Arrow Villa Way	Date Prepared: February 11, 2014
Boise, Idaho 83703	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Amorphous Silica – Natural Diatomite	TWA 80	TWA 10mg/m3		
SiO ₂ Approx 90%	MG/M3/%SiO ₂			
	TWA 6 MG/m3			

CAS # 61790-53-2

The American Conference of Government Industrial Hygienists (ACGIH) classifies mineral particulates as nuisance dusts. This natural Diatomaceous Earth has measured levels of less than 0.1% crystalline silica as quartz. Levels are therefore less than the OSHA concentration limit of 0.1%.

This product is considered NOT HAZARDOUS

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	2.2
Vapor Pressure (mm Hg.)	N/A	Melting Point	1400°
Vapor Density (AIR = 1)	N/A	Evaporation Rate	N/A
Solubility in Water Nil		(Butyl Acetate = 1)	
Appearance and Odor	Bright White Powder – None		

Section IV - Fire and Explosion Hazard Data

Flash Point : None	Flammable Limits : None
Extinguishing Media : None	
Special Fire Fighting Procedures: None	
Unusual Fire and Explosion Hazards: None	

Section V - Reactivity Data

Stability: Inert, stable
Incompatibility: Avoid contact with Hydrofluoric Acid, heat may be generated
Hazardous Decomposition or Byproducts: None
Hazardous Polymerization: Will not occur
Conditions to avoid: None

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (<i>Acute and Chronic</i>): <u>Inhalation</u> - Acute accidental exposure would be nonspecific. Symptoms might include coughing, wheezing, difficult breathing, and upper respiratory tract irritation.			
<u>Skin</u> – No known concern <u>Eye</u> – May cause temporary discomfort and irritation			
<u>Ingestion</u> – No known hazard			
Carcinogenicity: N/A	NFPA Health:1	Flammability 0	Reactivity 0
		IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure: Eye irritation, coughing, wheezing, difficult breathing, and upper respiratory tract irritation.			
Medical Conditions Generally Aggravated by Exposure: Preexisting lung and respiratory conditions			
Emergency and First Aid Procedures:			
For Inhalation: Remove to fresh air, if breathing difficulties persist give oxygen and call physician			
Skin: Wash skin with soap and water.			
Eye Contact: Flush with water, if discomfort persists, call physician.			

Section VII - Precautions for Safe Handling and Use

Steps to be taken in Case Material is released or spilled: Vacuum clean or wet sweep spillage
Waste Disposal Method: Waste should be disposed of in a closed container to prevent dust
Precautions to be taken in Handling and Storing: Approved dust respirators for exposure to potentially high dust environments. Local exhaust ventilation recommended.
Other Precautions: Safety Glasses

Section VIII – Control Measures

Respiratory Protection (<i>Specify Type</i>): High Dust Environment	
Ventilation Local Exhaust: Recommended Special None	
Mechanical (<i>General</i>) None Other None	
Protective Gloves: Not required	Eye Protection: Safety Glasses
Other Protective Clothing or Equipment: Not Required	
Work/Hygienic Practices: As with all powders, limit the creation and inhalation of dust. Wet floors may become extremely slippery when diatomite is present.	