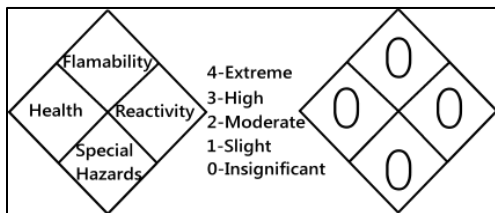


MATERIAL SAFETY DATA SHEET



NFPA Fire Hazard Symbol

See NFPA 704 for detailed explanation

No: 140
Date Revised:

Rev. No: 13
1/1/2011



I. PRODUCT IDENTIFICATION

Trade Name(s):	SIL-Cell®	CAS #:	93763-70-3
Chemical Name:	Sodium Potassium Aluminum Silicate	Formula:	Mixture
Manufacturer:	SILBRICO CORPORATION	Telephone:	708-354-3350
Address:	6300 River Rd	Emergency:	708-354-3350
City, State & Zip:	Hodgkins, IL 60525		

II. Product Ingredients

INGREDIENT NAME	CAS NUMBER	%	PEL & TLV
Expanded Perlite	93763-70-3	100	15 mg/m ³ total dust – OSHA 5 mg/m ³ respirable dust – OSHA 10 mg/m ³ total dust- ACGIH
This product may contain crystalline silica: Quartz (Typical Analysis)	14808-60-7	<0.1	0.1 mg/m ³ respirable quartz – OSHA & ACGIH TLV

III. PHYSICAL DATA

Appearance and Odor: Dry white powder or aggregate/ No Odor

Boiling Point:	N/A	Evaporation Rate:	N/A
Vapor Pressure:	N/A	Specific Gravity (H₂O = 1):	2.35
Water Solubility (%):	Negligible	Melting Point:	N/A
Vapor Density (Air=1):	N/A	% Volatile by Volume:	None

IV. FIRE and EXPLOSION DATA

Flashing Pint (Method): NON-FLAMMABLE
Flammable Limits: LEL: N/A % UEL: N/A %
Extinguishing Media: N/A
Unusual Fire or Explosion Hazards: None
Specific Fire-Fighting Procedures: None

V. REACTIVITY DATA

MATERIAL IS STABLE	HAZARDOUS POLYMERIZATION CANNOT OCCUR
Chemical Incompatibility:	Hydrofluoric Acid
Conditions to Avoid:	None in designated use
Hazardous Decomposition Products:	May react with hydrofluoric acid to form a toxic gas

VI. HEALTH HAZARD DATA

Route(s) of Entry:	<u>Inhalation</u>	<u>Skin</u>	<u>Ingestion</u>
	Yes	No	No
Health Hazards (Acute and Chronic)			
Acute: Upper respiratory irritant. Excessive inhalation of any dust may overload lungs.			
Chronic: None known.			
Carcinogenicity	<u>NTP</u>	<u>IARC Monographs</u>	<u>OSHA Regulations</u>
	No	No	No
Signs and Symptoms of Exposure			
Upper respiratory and eye irritation			
Medical Conditions			
Generally aggravated by exposure Pre-existing upper respiratory and lung disease			
Emergency and First Aid Procedures			
Inhalation:	Remove to fresh air		
Eyes:	Flush with large quantities of water		

VII. SPILL OR LEAK PROCEDURES

Procedures for Spill/Leak:	Vacuum clean or sweep up using a dust suppressant such as water. Uncontaminated materials may be re-used.
Waste Management:	Non-hazardous as defined by RCRA (40 CFR part 261). Method of disposal – landfill. Reportable quantity – N/A

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection:	Goggles of safety glasses are recommended.
Gloves:	Not normally required.
Respirator:	MSHA/NIOSH approved respirator
Ventilation:	Local exhaust ventilation may be required to keep dust concentrations below PEL/TLV.
Other Protective Clothing or Equipment:	None

IX. SPECIAL PRECAUTIONS

Storage Segregation Hazard Classes:	N/A
Special Handling/Storage:	Repair broken bags immediately; avoid creating dust
Special Workplace Engineering Controls:	Not normally required.

Perlite is a naturally occurring substance and is therefore included, but not individually listed, in the TSCA inventory.

HMIS Ratings: 0 = Minimal Hazard E = Dust Respirator

H	<input type="checkbox"/>
HEALTH	
F	<input type="checkbox"/>
FLAMABILITY	
R	<input type="checkbox"/>
REACTIVITY	
PERSONAL PROTECTION	<input checked="" type="checkbox"/>
<small>NO-OSHA C 1981 NPLA</small>	

Prepared/Revised by: SILBRICO CORPORATION

As of the date of preparation of this document, the forgoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.