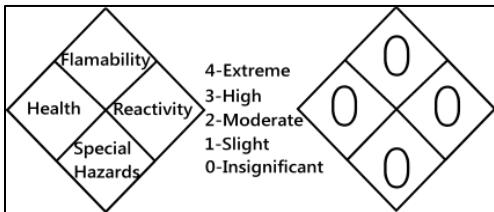


MATERIAL SAFETY DATA SHEET



NFPA Fire Hazard Symbol

See NFPA 704 for detailed explanation

No: 140

Rev. No: 13

Date Revised:

11/1/2012



SILBRICO
CORPORATION

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 forma a toxic gas

VI. HEALTH HAZARD DATA

Route(s) of Entry:	<u>Inhalation</u> Yes	<u>Skin</u> No	<u>Ingestion</u> No
Health Hazards (Acute and Chronic)			
Acute: Upper respiratory irritant. Excessive inhalation of any dust may overload lungs.			
Carcinogenicity	<u>NTP</u> No	<u>IARC Monographs</u> No	<u>OSHA Regulations</u> 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 HEALTH	<input type="checkbox"/>
F FLAMABILITY	<input type="checkbox"/>
R REACTIVITY	<input type="checkbox"/>
E PERSONAL PROTECTION	<input type="checkbox"/>

NO-L503RC 1981 NCPA

Prepared/Revised by: SILBRICO CORPORATION

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