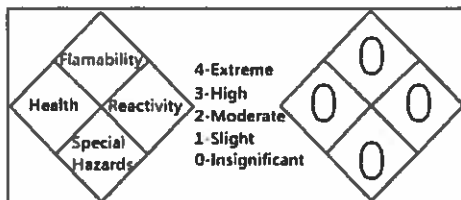


MATERIAL SAFETY DATA SHEET



NFPA Fire Hazard Symbol

See NFPA 704 for detailed explanation

No: 140
Date Revised:

Rev. No: 14
1/1/2014



I. PRODUCT IDENTIFICATION

Trade Name(s):	SIL-Cell® (TAP Microspheres)	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> 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.			
Chronic: None known.			
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 or adequate dust mask recommended

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"/>
PERSONAL PROTECTION <small>NO LHAIR C 1991 NIOSH</small>	<input checked="" type="checkbox"/>

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.