



NFPA FIRE HAZARD SYMBOL

See NFPA 704 for detailed explanation



MATERIAL SAFETY DATA SHEET

No.: 140 Rev. No.: 9

Date Revised: 1/2/97

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

Address: 6300 River Road

City: Hodgkins

State: Illinois

Zip: 60525

Telephone: 708/354-3350 or (800) 246-5055 Mon-Fri 9am to 5pm (PST)

Emergency: 708/354-3350

II. PRODUCT INGREDIENTS

Ingredient Name: Expanded Perlite

CAS Number: 93763-70-3

%: 100

PEL and TLV (except as noted)

15 mg/m³ total dust-OSHA

5 mg/m³ respirable dust-OSHA

10 mg/m³ total dust-ACGIH

Ingredient Name: This product may contain crystalline silica: Quartz (Typical Analysis)

CAS Number: 14808-60-7

%: <.1

PEL and TLV (except as noted)

1 mg/m³ respirable quartz

OSHA & ACGIH TLV

III. PHYSICAL DATA

Appearance and Odor: Dry White Powder or Aggregate/No Odor.

Boiling Point: NA

Evaporation Rate: NA

Vapor Pressure: NA

Specific Gravity (H₂O = 1): 2.35

Water Solubility (%): Negligible

Melting Point: NA

Vapor Density (Air=1): NA

% Volatile by Volume: None

IV. FIRE AND EXPLOSION DATA

Flash Point (Method): Nonflammable

Flammable Limits: LEL: NA % **UEL:** NA %

Extinguishing Media: NA

Unusual Fire or Explosion Hazards: None

Special Fire-Fighting Procedures: None

V. REACTIVITY DATA

Material is Stable. Hazardous Polymerization Cannot Occur.

Chemical Incompatibilities: Hydrofluoric Acid

Conditions to Avoid: None in designed use

Hazardous Decomposition Products: May react with hydrofluoric acid to form a toxic gas.

VI. HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation? Yes **Skin?** No **Ingestion?** No

Health Hazards (Acute and Chronic):

Acute: Upper Respiratory Irritant, Excessive Inhalation of Any Dust May Overload Lungs.

Chronic: None Known.

Carcinogenicity:

NTP? No **IARC Monographs?** No **OSHA Regulations?** No

Signs and Symptoms of Exposure:

Upper Respiratory and Eye Irritation

Medical Conditions Generally Aggravated by Exposure:

Pre-Existing Upper Respiratory and Lung Diseases

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 or 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: NA

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

Prepared/Revised by: SILBRICO CORPORATION

As of the date of preparation of this document, the foregoing 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.

H HEALTH	<input type="checkbox"/>
F FLAMABILITY	<input type="checkbox"/>
R REACTIVITY	<input type="checkbox"/>
PERSONAL PROTECTION	E
<small>NO-LS93R/C 1901 NPCA</small>	