

MATERIAL SAFETY DATA SHEET

Section 1. Identification

Company Name: AGSCO Corporation Emergency number: 847-520-4455
Address: 160 W. Hintz Road Information number:847-520-4455
Wheeling, Illinois 60090-5755 Date prepared: 09-26-08

Section 2. Composition/Identity Information

<u>Component</u>	<u>CAS Number</u>
------------------	-------------------

Pumice	1332-09-8
---------------	------------------

Section II-A Hazardous Ingredients

None

Section II-B Identity Information

Other principal inert components: **Complex silicates or oxides of AL,K, Na, Fe, Ca, Mg, Ti.**

Chemical Identity, major components: **Amorphous Silicon Dioxide (SiO₂).**

M_xO_y • SiO₂ (M=Al, Ca, Mg + other minor metal oxides, with bound silica (SiO₂))

Common Names: **Pumice, volcanic glass**

HMIS (Hazardous Materials Identification System Ratings – NPCA/CPCA)

Based on hazard rating of 4 = Most severe

Health 0

Flammability 0

Reactivity 0

Personal Protection: Use approved dust mask; goggles to prevent eye irritation.

Section III – Physical/Chemical Characteristics (N/A = Not Applicable)

Boiling Point: N/A Specific Gravity **2.35**

Vapor Pressure (mm Hg.): N/A Melting Point N/A

Vapor Density : (Air = 1) N/A Evaporation Rate: (Butyl Acetate = 1) N/A

Solubility in Water: **Negligible**

Appearance and Odor : **Off-White Powder. No odor.**

Section IV – Fire and Explosion Hazard Data

Flash Point: N/A Flammable Limits: N/A LEL: N/A UEL: N/A

Extinguishing Media: N/A

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: **None**

Section V – Reactivity Data

Stability	Unstable	Conditions to Avoid
	Stable <u>X</u>	No special precautions

Incompatibility (Materials to Avoid): **No Incompatibility. (Reacts with hydrofluoric acid: soluble in HF)**

Hazardous Decomposition of Byproducts: **May react with hydrofluoric acid to form toxic silicon tetra-flouride gas.**

Hazardous Polymerization	May Occur	Conditions to Avoid:
	Will Not Occur X	No special conditions

Section VI – Health Hazard Data

Route(s) of Entry: Inhalation: **No** Skin: **No** Ingestion: **Non-Hazardous**

Classified as nuisance dust.

Carcinogenicity: NTP? **No** IARC Monographs? **Vol. 68 (1997)** OSHA Regulated? **No**

Silica-Group 3. (Not classifiable as to carcinogenicity to humans.)

Signs and Symptoms of Exposure: **In extreme exposures, some congestion may occur.**

Medical conditions which may be aggravated by exposure: **Pre-existing upper respiratory and lung disease such as, but not limited to, Emphysema and Asthma.**

Acute health effects: **Transitory upper respiratory irritant.**

Chronic health effects: **Inhalation of high levels of any nuisance dust over long periods of time may cause lungs to be more vulnerable to pneumoconiosis (lung disease).**

Emergency and First Aid Procedures: **Material is non-poisonous.**

Eyes – Flush with copious amounts of clean water for 15 minutes. If irritation persists, consult a physician.

Inhalation – Blow nose, rinse mouth, drink water to clear throat. Remove to fresh air.

Section VII – Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: **Vacuum clean spillage. If sweeping is necessary, use a dust suppressant.**

Waste Disposal Method: **Bury as non-toxic waste in an approved landfill in accordance with all federal, state and local regulations.**

Precautions to be taken in handling as storing: **Use techniques that minimize generating dust.**

Other precautions: **Material, when wet, may be slippery on a smooth surface. Use caution.**

Section VIII – Control Measures

Respiratory Protection: **Use an approved dust mask, such as a particulate filter respirator.**

Ventilation	Local Exhaust: Recommended	Special Other:
	Mechanical (General): Sweep or vacuum all spills	Use filter-equipped vacuum to remove dust; Do Not blow off with compressed air.

Protective Gloves: **Not Required** Eye Protection: **Goggles recommended.**

Other Protective Clothing or Equipment: **Not Required**

Work / Hygienic Practices: **Avoid vigorous shaking of bags. Clean clothes with vacuum hose, not by blowing off.**