

SAFETY DATA SHEET

SECTION: 1 PRODUCT and COMPANY IDENTIFICATION

Product Name: Pumice / Amorphous Aluminum Silicate
Company: Essential Depot, Inc.
2029 US Hwy 27 S
Sebring, Florida 33870
Phone: 863-662-0481
Emergency Phone: CHEMTREC, Inside the USA: 1-800-424-9300

SECTION: 2. HAZARDS IDENTIFICATION

GHS Hazard Phrase: Based on evaluation of currently available data this substance is not classifiable according to GHS
GHS Precaution Phrases: No phrases apply
GHS Response Phrases: No phrases apply
GHS Labeling Pictogram No applicable pictogram

SECTION: 3. COMPOSITION / INFORMATION INGREDIENTS

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

Chemical Identity, major components: Amorphous Aluminum Silicate (Al₂O₃)

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

Common Names: Pumice, Volcanic Glass

HMS (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.

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SECTION: 4. FIRST AID MEASURES

Eye Contact: 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.

Material is non-poisonous.

SECTION: 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: N/A

Special protective equipment and precautions for fire-fighters: N/A

Special hazards arising from the substance or its combustible products: N/A

Resulting gases: None

SECTION: 6. ACCIDENTAL RELEASE MEASURES

Vacuum all clean spillage. If sweeping is necessary, use a dust suppressant.

SECTION: 7. HANDLING AND STORAGE

Precautions for safe handling: Use techniques that minimize generating dust.

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

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SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes: Goggles recommended.
Skin: Gloves not required
Respiratory: 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.

Other: Protective clothing or equipment not required.
Work / Hygienic Practices: Avoid vigorous shaking of bags. Clean clothes with vacuum hose, not by blowing off.

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-White Powder
Odor: No odor
Solubility(ies): Negligible
Boiling Point: N/A
Vapor Pressure (mm Hg): N/A
Vapor Density (Air=1): N/A
Specific Gravity: 2.35
Melting Point: N/A
Evaporation Rate (Butyl Acetate = 1): N/A
pH: 7.2

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SECTION: 10. STABILITY AND REACTIVITY

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

Incompatible materials: No Incompatibility. (Reacts with hydrofluoric acid: Soluble in HF)
Hazardous decomposition products: May react with hydrofluoric acid to form toxic silicon tetra-flouride gas.

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

SECTION: 11. TOXICOLOGICAL INFORMATION

Classified as Nuisance Dust only.

Route(s) of Entry:

Inhalation	Yes
Skin	No
Ingestion	Non-Hazardous

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.

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).

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SECTION: 12. ECOLOGICAL INFORMATION

Ecotoxicity: No special considerations

SECTION: 13. DISPOSAL CONSIDERATION

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

SECTION: 14. TRANSPORT INFORMATION

US DOT Shipping Description (Land): Not regulated.

IATA Shipping Description (Air): Not regulated.

SECTION: 15. REGULATORY INFORMATION

Not regulated

SECTION: 16. OTHER INFORMATION

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