



# Material Safety Data Sheet

## Amorphous Silicate Powder

### Section 1a - Identification of Substance

**Trade Name:** Pozzotive®  
**Product Uses:** Filler and extender for plastics, polymers, vinyls, adhesives, solid surfaces, polymer concrete, coatings, etc.  
**Revision Date:** February 23, 2017

### Section 1b - Company Address

Urban Mining Northeast, LLC.  
270 North Avenue, Suite 200  
New Rochelle, NY 10801  
United States

**Emergency Phone Number:** 914.633.3393  
Technical Information: 914.633.3393  
Fax Number: (914) 654-8124

### Section 2 - Composition and Ingredient Information

Name	CAS Number	Composition	OSHA PEL	ACGIH TLV
Glass powder - not otherwise regulated	65997-17-3	> 99%	15 mg/m <sup>3</sup> (total)	10 mg/m <sup>3</sup> (inhalable)
			5mg/m <sup>3</sup> (respirable)	3mg/m <sup>3</sup> (respirable)

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence requiring reporting in this section.

### Section 3 - Physical/Chemical Properties

**Specific Gravity (H<sub>2</sub>O = 1):** 2.6 to 2.7  
**Melting (Softening) Point:** >800°C  
**Boiling Point:** N/A

**Evaporation Rate:** N/A  
**Solubility in Water:** Insoluble  
**Water Reactive:** Not Reactive

**Appearance/Odor:** White Powder, no Odor  
**Vapor Pressure (mm Hg and Temp):** N/A  
**Vapor Density (Air - 1):** N/A

N/A = Not Applicable

### Section 4 - Fire and Explosion Hazard Data

**Fire and Explosion Hazard Overview:** This material is considered non-flammable and non-combustible

**Auto Ignition Temperature:** N/A  
**Flash Point and Method Used:** N/A  
**LEL/UEL:** N/A  
**Unusual Fire and Explosion Hazards:** None  
**Special Fire Fighting Procedures:** No special procedure required.  
**Extinguisher Media:** No special media required.

N/A = Not Applicable

Revision: February 23, 2017

## Section 6 - Stability and Reactivity

**Stability:** Stable.

**Conditions to Avoid:** None known.

**Hazardous Decomposition Products:** Unknown and not suspected.

### Amorphous Silicate Powder

**Reactivity:** When mixed with cement and concrete products in its intended use, the material reacts in the normal way as a "pozzolan" with the lime and alkalis present to form calcium silicate hydrates. Material is considered inert in polymer and resin systems. Avoid contact with strong acids, reducing agents, and oxidizers.

## Section 6 - Health Hazard Identification

**Emergency Overview:** Not considered hazardous. Stable and non-flammable under normal industrial conditions.

**Primary Routes of Entry:** Inhalation, ingestion, skin absorption

**Signs and Symptoms of Exposure:** Eye, skin, or respiratory tract irritation

**Acute:** Dust may irritate eyes, skin, respiratory tract, mucous membranes. Dust hazard should not occur under normal use.

**Chronic:** None known

## Section 7: Toxicological Information

**Carcinogenicity:** The following list indicates whether or not the indicated agency has listed the product as a carcinogen. NTP, Not listed; JARC, Not listed; OSHA, Not listed

**LD50:** Oral (g/kg), not available; Dermal (g/kg), not available; Inhalation(ppm, 8hrs), not available.

## Section 8 - First Aid Measures

**Medical Conditions Generally Aggravated by Exposure:** May aggravate existing pulmonary condition if high dust situation is created. Dusting conditions should not occur under normal use.

**Eye Contact:** Immediately flush eyes with water to remove dust particles. If irritation develops seek medical attention.

**Skin Contact:** Wash skin with soap and water. If irritation develops, seek medical attention.

**Inhalation:** Immediately remove affected person to fresh air. If irritation develops, seek medical attention.

**Ingestion:** Rinse mouth out with water. Induce vomiting if significant quantities ingested. Seek medical attention.

## Section 9. Exposure Control and Protective Measures

**Respiratory Protection:** If airborne dust exposure approaches the FLV or PEL (Section 2), use half-mask or full-face air purifying respirator equipped NIOSH or MSHA-approved high efficiency filters for protection against pneumoconiosis-producing dust. An airline respirator may be required where dust levels are extremely high.

**Protective Gloves:** Limit contact with skin. Use rubber or cloth gloves as necessary.

**Eye Protection:** Wear goggles or face shield as appropriate. Avoid contact lenses.

**Ventilation to be Used:** Keep dust levels below PEL. Use general and local exhaust ventilation and dust collection systems to keep dust levels within acceptable limits.

**Other Protective Clothing and Equipment:** None normally required. Wear long sleeves and long pants to reduce skin contact. Use work gloves, goggles and face shield as necessary.

**Hygienic Work Practices:** Do not allow dust to get into eyes, to be inhaled, to be swallowed, or remain on skin if irritation occurs. Practice good personal hygiene. Wash or shower after use. Launder clothes as normal.

## Section 10 - Accidental Release Measures

**Steps to be Taken if Material is Accidentally Spilled or Released:** Avoid creating airborne dust. Pick up with shovel or mechanical equipment. Wet methods and vacuuming maybe used on spills.

## Sections 11 & 12 - Disposal and Transportation Considerations

Considered non-hazardous per EPA, RCRA 40CFR, Part 261, 1990. Handle as inert bulk material. Material may be disposed of as a non-hazardous solid waste consistent with state, federal and local disposal regulations. Disposal in a sanitary landfill is usually adequate. Material integrated into a cement/concrete products must be disposed of in accordance with applicable requirements for those products where they exist. Not regulated by the Department of Transportation (DOT).

Revision: February 23, 2017

## Section 13 - Handling and Storage

**Precautions to be Taken:** Keep material dry in storage. No special handling required. Avoid creating airborne dust. Not an electrical conductor.

**Other Precautions and/or Special Hazards:** None

## Amorphous Silicate Powder

Considered to be an inert solid waste, and no special precautions should be taken in case it is released or spilled. These products do not contain, nor are manufactured with, Class I or Class II Ozone-Depleting Chemicals (CFCs) identified in the Clean Air Act Amendment, 1990 List of Ozone Depleting Chemicals.

## Section 15 - Additional Regulatory Information

**United States:** (a) EPA Toxic Substances Control Act (TSCA): Carries no Chemical Abstracts Index name, CAS registry number or EPA code designation number. These products are "articles" as defined in Section 710.2(f) and are exempt from Sections 5 and 8(b) reporting requirements. (b) EPA SARA Title III: These products are considered to be exempt as they do not meet its health or physical hazards definitions nor contain any SARA 313 chemical ingredients in excess of EPA's de minimus concentrations. (c) OSHA Hazard Communication Standard: Subject to the applicable requirements of this regulation. (d) Right to Know Law: Per this MSDS revision date, these products are not known to contain chemical ingredients listed by the Pennsylvania, New Jersey or Massachusetts Right to Know Law in excess of amounts requiring reporting on such substances MSDS or labels. (e) California Proposition 65: No ingredient is listed. (f) Clean Air Act: No ingredient is listed.

**Canada:** These products are considered "articles" which are exempt from Canadian Environmental Protection Act (CEPA) reporting on the Domestic Substances Lists. They are also exempt from Workplace Hazardous Materials Information System (WHMIS) labeling & MSDS requirements.

**European Economic Committee (EEC) Labeling Classification:** These products do not meet the classification for a "dangerous substance" according to 67/548/EEC and 97/69 EC. The composition has been incorporated in the EINECS under CAS number 65997-17-3 as a glass oxide.

**Japan:** Chemical Substances Control Law: Exempt from this law.

## Section 16 - Other Information

HMIS and NFPA Hazard Rating: Category	HMIS	NFPA
Acute Health (0-4)	0/1	0/1
Flammability (0-4)	0	0
Reactivity (0-4)	0	0

**HMIS Personal Protection:** To be supplied by user depending upon use.

**NFPA Unusual Hazards:** None

For further technical information on this product contact your Pozzotive® sales representative or the telephone number listed in Section 1b.