

Safety Data Sheet

Section 1. Identification

Product identifier: Pozzotive® and Pozzotive® IF

Recommended use of the chemical and restrictions on use:

Recommended use: Pozzolan for cement, mortar, concrete, stucco, cultured stone and other concrete related products, and industrial filler for use in coatings, plastics, rubbers, adhesives, etc.

Restrictions on use: None known

Details of the manufacturer/supplier of the safety data sheet:

Supplier Name: Urban Mining Northeast, LLC.
Address: 270 North Avenue, Suite 200
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Telephone number: (914) 633-3393
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Section 2. Hazard(s) Identification

Classification of the Substance or Mixture:

GHS Classification:

Physical	Health
Not Hazardous	Not Hazardous

Label Elements:

None required

Other Hazards: None known.

Section 3. Composition / Information on Ingredients

Chemical name	CAS No.	Concentration
Amorphous glass powder	61790-53-2	>99.5%

Section 4. First-Aid Measures

Description of First Aid Measures:

Inhalation: Remove victim to fresh air. Drink water to clear throat and blow nose to remove dust. Get medical attention if irritation persists.

Skin contact: Rinse skin thoroughly with water. Remove and launder clothing before re-use. Get medical attention if irritation occurs and persists.

Eye contact: Do not rub your eyes. Flush eyes with large quantities of water for several minutes, while holding the eyelids apart. Remove contact lenses if easy to do so. Continue rinsing. Get medical attention if irritation persists.

Ingestion: If small quantities are swallowed, rinse out mouth with water. Drink plenty of water to help reduce irritation. If large amounts are swallowed or if irritation or discomfort occurs, get medical attention.

Most Important symptoms and effects, both acute and delayed:

Dust may cause mechanical eye and skin irritation. Particulates may cause abrasive eye injury. Inhalation of dust may cause respiratory tract irritation.

Indication of any immediate medical attention and special treatment needed:

Immediate medical attention is not required.

Section 5. Fire-Fighting Measures

Suitable (and unsuitable) extinguishing media: Use any media that is suitable for the surrounding fire.

Specific hazards arising from the chemical: This material is not flammable or combustible.

Special protective equipment and precautions for fire-fighters: Firefighters should wear full emergency equipment and an approved positive pressure self-contained breathing apparatus for all fires involving chemicals.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing and equipment to avoid eye, and skin contact. Avoid creating and breathing dust. Powders that become wet may cause surfaces to be extremely slippery and present a slip hazard.

Environmental precautions: Avoid release to the environment. Report spill as required by local and federal regulations.

Methods and materials for containment and cleaning up: Collect material and place into a container for disposal or re-use. Collect in a manner to minimize the generation of airborne dusts or vacuum with a high efficiency vacuum cleaner. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air.).

Section 7. Handling and Storage

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Avoid creating and breathing dusts. Wear protective clothing and equipment as described in Section 8. Use only with adequate ventilation. Launder contaminated clothing before re-use. Wash thoroughly with soap and water after handling. Follow good housekeeping practices.

Empty containers retain product residues. Follow all SDS precautions in handling empty containers.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well-ventilated area. Protect containers from physical damage.

Section 8. Exposure Controls / Personal Protection

Exposure Guidelines:

Amorphous glass powder (as particulates not otherwise classified)	5 mg/m ³ (respirable); 15 mg/m ³ (total dust) TWA OSHA PEL
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Exposure Controls:

Appropriate engineering controls: Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits.

Personal Protective Equipment:

Respiratory protection: If the occupational exposure limits are exceeded or irritation is experienced, wear an approved particulate respirator. Selection of respiratory protection depends on the contaminant type, form and concentration. Select and use in accordance with all applicable regulations (in the US follow OSHA 1910.134) and good Industrial Hygiene practice.

Hand protection: Wear protective gloves to minimize skin contact.

Eye protection: Wear safety glasses with side shields or dust proof goggles.

Other Protective Clothing or Equipment: Washing facilities should be available in the work area.

Section 9. Physical and Chemical Properties

Information on basic Physical and Chemical Properties:

Appearance: White powder	Vapor pressure: Not applicable
Odor: Odorless	Vapor density: Not applicable
Odor threshold: Not applicable	Relative density: Not available
pH: Not applicable	Solubility(ies): Insoluble in water
Melting point/freezing point: 1723°C (3133.4°F)	Partition coefficient: n-octanol/water: Not applicable
Initial boiling point and boiling range: 2230°C (4046°F)	Auto-ignition temperature: Not applicable
Flash point: Not applicable	Decomposition temperature: Not applicable
Evaporation rate: Not applicable	VOC: None
Flammability (solid, gas): Not flammable	Flammable limits: LEL: Not applicable UEL: Not applicable

Section 10. Stability and Reactivity

Reactivity: This material is not reactive under normal conditions.

Chemical stability: Stable

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Avoid dust formation.

Incompatible materials: Avoid strong acids, reducing agents, and oxidizers.

Hazardous decomposition products: None expected.

Section 11. Toxicological Information

Information on Toxicological Effects:

Inhalation: Dust may cause nose, throat and upper respiratory tract irritation. Symptoms include coughing, sneezing and scratchy throat.

Skin Contact: Direct contact with dust may cause mechanical skin irritation.

Eye Contact: Direct contact with powder may cause mechanical eye irritation. Particulates may cause abrasive injury.

Ingestion: Ingestion in an unlikely route of exposure. If dust is swallowed, it may cause irritation of the mouth and intestinal tract.

Chronic Health Effects: None known.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental toxicity.

Germ Cell Mutagenicity: This product is not expected to cause mutagenic activity.

Carcinogenicity: None of the components at 0.1% or greater are classified as a carcinogen by IARC, NTP, or OSHA.

Acute toxicity values:

Amorphous glass powder: Oral rat LD50: >5000 mg/kg

Section 12. Ecological Information

Toxicity: No data available. This product is not expected to present an environmental hazard.

Persistence and degradability: Biodegradation does not apply to inorganic substances.

Bioaccumulative Potential: Not expected to be bioaccumulative.

Mobility in Soil: No data available.

Results of PVT and vPvB assessment: Does not meet the criteria for PBT or vPvB.

Other Adverse Effects: None.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose in accordance with all local, state and federal regulations.

Section 14. Transport Information

	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
US DOT	N/A	Not Regulated	N/A	N/A	N/A
IMDG	N/A	Not Regulated	N/A	N/A	N/A
IATA/ICAO	N/A	Not Regulated	N/A	N/A	N/A

Special Precautions for User: None

Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code: Not applicable – product is transported only in packaged form.

Section 15. Regulatory Information

Safety, Health, and Environmental Regulations Specific for the Product In Question:

U.S. REGULATIONS:

CERCLA: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:

Section 302 Extremely Hazardous Substances (TPQ): None

SARA Hazard Category (311/312): See OSHA Hazard Classification in Section 2.

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

Section 16. Other Information

NFPA RATING: Health = 1 Flammability = 0 Instability = 0
HMIS RATING: Health = 1 Flammability = 0 Physical Hazard = 0

SDS Revision History: New SDS

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