

Material Safety Data Sheet**24 hr. 7 day Emergency Telephone No. (800)424-9300 CHEMTREC**

Date: January, 2021	Piazza Stone, LLC.	HMIS	
	3817-A Martinez Blvd.	Health	1
	Augusta, GA 30907	Flammability	0
	Phone 706-651-1210	Reactivity	0
	Fax 706-651-1235	Personal/ Protection	A

SECTION 1, IDENTIFICATION

Product Name: Piazza Stone Cast Mix
Manufacturer: Piazza Stone, LLC. 3817-A Martinez Blvd., Martinez, GA 30907
DOT Classification: Non-hazardous

SECTION 2. COMPONENTS**Hazard Summary:** as defined by OSHA Hazard Communication Standard, 29 CFR 1910, 1200

Hazardous Components:		CAS No. (mg/m3)	OSHA PEL (mg/m3 resp.)	ACGIH-TLV (mg/m3 resp.)
Portland Cement	major	65997-15-1	5	5
ground limestone	major	01317-65-3	5	5
Crystalline Silica	trace	14808-60-7	0.1	0.05
polymer/admixtures	trace	Trade Secrete	none	none

Major - over 25%, Minor - 6%-25%, Trace - Less Than 6%

Trace Elements:

Trace amounts of naturally occurring, potentially harmful chemicals may be detected during chemical analysis. Examples would include trace amounts of magnesium oxide, potassium and sedum sulfate compounds, and trace metal compounds.

Other Recommended Limits:

NIOSH has recommended that the permissible exposure limit be .05 micrograms respirable free silica per cubic meter of air (0.5 mg/M3) averaged over a work shift of up to 10 hours per day, 40 hours per week. The NIOSH criteria for a Recommended Standard Occupational Exposure to Crystalline Silica should be consulted for more detailed information.

SECTION 3. PHYSICAL DATA

Appearance: Off-white powder aggregate. **Solubility in water:** Slight.
Odor: No distinct odor. **ph:** (in water) 10-12
Specific Gravity: (H2O+1) 2.8 to 3.15
The following properties are not applicable to this product:
Vapor pressure, vapor density, evaporation rate, Boiling point and Melting point.

SECTION 4. FRIE AND EXPLOSION HAZARD DATA

Flash Point: None **Extinguishing Media:** Not combustible
Hazardous Combustion Products: None **Special Fire Fighting Procedures:** None
Unusual Fire and Explosion Hazards: None **Auto Ignition Temperature:** Not combustible

SECTION 5. REACTIVITY DATA

Stability: Stable
Incompatibility: It is compatible with most other materials, however, it contains Portland cement which is alkaline. As such, it is incompatible with acids, ammonium salts and aluminum metal. The product also contains silica, which will dissolve in hydrofluoric acid and produce a corrosive gas-silica tetrafluoride.
Conditions to avoid: Damp storage or unintentional contact with water or other liquids.
Hazardous decomposition: Will not occur. Adding water will start hydration and produce calcium hydroxide.
Hazardous Polymerization: Will not occur.

SECTION 6. HEALTH HAZARD ASSESSMENT**Carcinogenic Potential:**

Carcinogenicity NTP: No
 OSHA Regulated: Not as a carcinogen
 IARC Monographs: Yes
 Calif. Prop. 65: Yes

General: Classified as a nuisance dust by OSHA. Exposure can affect the skin, the eyes and mucous membranes. The product contains silica may be broken down to the respirable size range during shipping, handling or use, and thus may be inhaled. The international Agency for

Research on Cancer (IARC) has evaluated in Volume 68, IRAC Monographs of the Evaluation of the Carcinogenic Risk to Humans, "Silica and Some Silicates..." (1997) that there is from occupational sources. The presence of crystalline silica which may result in exposures, requires the following warning pursuant to California Proposition 68: Warning: This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Routes of Exposure: Inhalation: Yes Ingestion: Yes
Skin: Yes Eyes: Yes

Acute Exposure: Can dry the skin and cause alkali burns. Dust can irritate the eyes and upper respiratory system. Toxic effects noted in animals include alveolar damage with pulmonary edema.

Chronic Exposure: Dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea. Hypersensitive individuals may develop an allergic dermatitis. Excessive inhalation of silica dust may result in respiratory disease, including silicosis, pneumoconiosis, pulmonary fibrosis and possibly cancer.

Signs and Symptoms of Exposure: Symptoms of excessive exposure include shortness of breath and reduced pulmonary function. This inert material gives no potential acute toxic hazard.

Medical Conditions Generally Aggravated by Exposure: Individuals with sensitive skin and with pulmonary and/or respiratory disease, including, but not limited to, asthma and bronchitis, or subject to eye irritation, should be precluded from exposure.

Emergency First Aid procedures:

Skin: Wash contaminated areas thoroughly with soap and water. If irritation persists or develops contact a physician. Wash clothing and decontaminate footwear before reuse.

Eyes: Rinse/ Flood eyes with clean water immediately and repeatedly for at least 15 minutes. Contact physician if irritation persists.

Ingestion: Consult a physician.

For Gross Inhalation: Immediately move subject to fresh air, give artificial respiration as needed.

Get prompt medical attention.

SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Ventilate area. Use dust control methods (vacuum) and place into covered container for disposal or use if not contaminated or wet.

Waste disposal method: Can be treated as a common waste for disposal in accordance with local, state and federal regulations.

SECTION 8. SPECIAL PROTECTION INFORMATION

TLV or Suggested Control Value: No TLV assigned to this mixture. Minimize exposure in accordance with good hygiene practice. Following work, workers should shower with soap and water. Precautions must be observed because burns occur with little warning--little heat is sensed.

Ventilation: Use only with adequate ventilation. You can provide local exhaust to control airborne dust levels to minimize exposure.

Respiratory Protection: Not normally required if good ventilation is maintained. Use of an appropriate OSHA, MSHS or NIOSH approved respirator in dusty environments is recommended.

Protective Clothing: The use of barrier creams or impervious gloves, long trousers, long-sleeved shirt and appropriate footwear recommended to avoid prolonged skin contact.

Eye Protection: Chemical tight splash goggles to avoid eye contact. (ANSI Z-87, 1 or approved equivalent) is recommended.

Other Protective Equipment: Provide means of rinsing eyes (eyewash station) in case of emergency. Provide source of water for washing skin.

SECTION 9. SPECIAL PRECAUTIONS

None

SECTION 10. OTHER INFORMATION

While the information in this Material Safety Data Sheet is believed to provide a useful summary of the hazards of our materials as they are commonly used, the sheet cannot anticipate and provide all of the information that might be needed in every situation. In particular, product users who have not had the benefit of proper training in the application of the product may be using the product in a manner that this sheet does not address or may be hazardous. The information herein is given in good faith but no warranty, expressed or implied, is made. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to crystalline silica contained in our products. Customers-users must comply with all applicable health and safety laws, regulations and orders covering crystalline silica.