Material Safety Data Sheet

Section 1 — Company Identification

Company Name and Address:
Impressions in Stone LLC
1415 South Joplin Avenue
Tulsa, Oklahoma 74112
(918) 828-9745

Technical Contacts:
Dagan Heaps, Owner
(918) 828-9745

Emergency Contacts:
Dagan Heaps, Owner
(918) 461-0761

Section 2 — Ingredient Components

Component	Approximate Percent by Weight
Light-weight aggregate	65%
Portland Cement	34%
Iron Oxide Color Pigment	1%
Chemical Admixtures	<1%

Component Regulatory Information:
This product may be regulated, have exposure limits, or other considerations for: Silica (general form).

Non-Hazardous Components:
In its final delivered form, this product is expected to produce minimal if any hazards. When cut, this product produces a fine dust that may be considered hazardous in some circumstances under 29 CFR 1910.1200 (Hazard Communication).

* Amorphous oxides of aluminum, calcium, iron, magnesium, silicon, and titanium

In its final delivered form, the product is essentially fully cured, so exposure to the above listed components is minimal. When cut, this product produces a fine dust that may contain the above listed components.

Material Safety Data Sheet

Section 3 — Hazards Identification

Appearance and Odor:
Cured concrete product in various shapes, sizes, and colors to replicate the appearance of natural stone. No detectable odor.

Emergency Overview:
No unusual hazards or conditions are expected from the intended use of this product. However, when cut or otherwise abraded, this product produces a fine dust that may cause irritation of the respiratory tract.

Potential Health Effects

Inhalation:
Inhaling the dust created when cutting or otherwise abrading the surface of this product may cause irritation of the nose, throat, and respiratory tract. This product contains crystalline silica. Prolonged and repeated inhalation of respirable crystalline silica can cause silicosis, a chronic lung disease characterized by fibrosis and scarring of the lung tissue resulting in a decrease in lung function, breathlessness, wheezing, coughing, and sputum production. Short-term overexposure to extremely high concentrations of respirable crystalline silica can produce acute silicosis, a disease that can rapidly progress within months of initial overexposure and may even cause death within 1 to 2 years.

Skin Contact:
The dust created when cutting or otherwise abrading the surface of this product may cause itching and/or short-term irritation.

Eye Contact:
The dust created when cutting or otherwise abrading the surface of this product may cause slight irritation to the eyes including redness, tearing, and/or blurred vision.

Ingestion:
Accidental or intentional ingestion of this product is extremely unlikely, but may produce gastrointestinal irritation.

Medical Conditions Aggravated by Exposure:
Chronic respiratory or skin conditions may temporarily worsen from exposure to the dust created when cutting or otherwise abrading the surface of this product.

Material Safety Data Sheet

Section 4 — First Aid Measures for Dust Exposure

Inhalation:
Immediately remove the affected person to a clean-air environment. If irritation occurs and persists, seek medical attention.

Skin Contact:
Wash affected area with mild hand soap and plenty of water. If irritation occurs and persists, seek medical attention.

Eye Contact:
Immediately flush affected eye(s) with fresh water for 15 minutes. If irritation occurs and persists, seek medical attention.

Ingestion:
Observe the affected person for several days to ensure normal gastrointestinal function. Do not induce vomiting unless directed to do so by a medical professional. If normal function does not return, seek medical attention.

Section 5 — Fire Fighting Measures

Flash Point:	None	**Flash Point Method:**	Not applicable
Upper Flammability Limit:	Not applicable	**Lower Flammability Limit:**	Not applicable
Flammability Classification:	Non-flammable	**Auto Ignition Temp.:**	Not applicable

Extinguishing Media:
Any extinguishing media appropriate for the fire in question may be used with this product.

Unusual Fire & Explosion Hazards:
None.

Hazardous Combustion Products:
None.

Material Safety Data Sheet

Section 6 — Accidental Release Measures

Containment Procedures:
This product is delivered in solid form and will not change states into a liquid or gaseous form spontaneously.

Clean-Up Procedures:
Dust, chips, and unusable pieces may be allowed to settle on the ground where they may be swept up and placed in any sort of waste container for disposal as a non-hazardous waste. Clean-up procedures may create dust, so use of a particulate respirator is recommended.

Other Special Procedures:
None.

Section 7 — Handling and Storage

Handling Procedures:
No special procedures are required for handling this material. However, when cut or otherwise abraded, this product produces a fine dust that should be avoided as much as possible. When cutting or otherwise abrading this material, the use of safety glasses and a particulate respirator is recommended. Furthermore, the user may wish to consider using equipment designed to control and/or limit dust exposure such as a wet-saw and/or dust removal vacuum systems such as those found in woodworking shops.

Storage Procedures:
This product as packaged is generally very heavy and should therefore be stored only on the ground or on racks specifically designed to accommodate heavy palletized materials. Racks must be installed on level ground surfaces. Use extreme caution when storing materials above ground level.

Section 8 — Exposure Controls / Personal Protection

Ventilation:
General dilution ventilation, local exhaust ventilation, and/or dust collection systems should be provided as necessary to minimize exposure to dust created when cutting or otherwise abrading the surface of this product.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection:
A properly fitted, NIOSH-approved particulate respirator should be used to minimize exposure to dust created when cutting or otherwise abrading the surface of this product.

Material Safety Data Sheet

Section 8 — Exposure Controls / Personal Protection (continued)

Skin Protection:
Wear leather or other appropriate-type work gloves as necessary.

Eyes/Face Protection:
Wear safety glasses with side shields.

Section 9 — Physical & Chemical Properties

Appearance:	Cured concrete product in various shapes, sizes, and colors	Odor:	Not applicable
Physical State:	Solid	pH:	Not applicable
Vapor Pressure (mm Hg @ 20 C):	Not applicable	Vapor Density (Air = 1):	Not applicable
Boiling Point:	Not applicable	Solubility (H_2O):	Not applicable
Specific Gravity (Water = 1):	Not applicable	Freezing Point:	Not applicable
Evaporation Rate (n-Butyl Acetate = 1):	Not applicable	Viscosity:	Not applicable

Section 10 — Chemical Stability & Reactivity Information

Stability:
As delivered, the product is in stable, solid form.

Conditions to Avoid:
Avoid dispersion of dust into unventilated areas.

Incompatible Materials:
None expected.

Hazardous Decomposition Products:
None identified.

Hazardous Polymerization:
Will not occur.

Material Safety Data Sheet

Section 11 — Toxicological Information

Acute and Chronic Toxicity:
Dust created when cutting or otherwise abrading the surface of this product may cause mechanical irritation to eyes and/or skin. Dust inhalation may cause coughing, nose and/or throat irritation, and sneezing. Higher exposures may cause difficulty breathing, congestion, and/or chest tightness.
Ingestion may cause transient irritation of throat, stomach, and/or gastrointestinal tract.

Carcinogenicity:
CRYSTALLINE SILICA: The International Agency for Research on Cancer (IARC) recently reviewed existing epidemiological data and concluded that crystalline silica inhaled in the form of quartz from occupational sources is a known human carcinogen (Group 1). In making the assessment, the IARC noted that carcinogenicity was not detected in all industrial circumstances studied. However, IARC reported that a majority of studies indicated an elevated mortality for lung cancer among silica-exposed workers. IARC noted that increased rates of lung cancer were reported among some workers in ore-mines, quarries, foundries, ceramics, granite, and stone cutting industries. The workers in some of these occupational studies were exposed to other potential respiratory carcinogens such as arsenic, radon, diesel exhaust, polycyclic aromatic hydrocarbons, or cadmium. The IARC reviewed animal studies and concluded that there is sufficient evidence in experimental animals for the carcinogenicity of quartz. Silica-crystalline quartz has resulted in liver, blood, and lung tumors in rats by inhalation, intraperitoneal and intravenous injection, intratracheal and intraplerual administration.

Section 12 — Disposal Considerations

US EPA Waste Number & Descriptions:
No components are identified as hazardous wastes. No EPA Waste Numbers are applicable for this product.

Disposal Instructions:
Consult appropriate authorities before disposing of this product.

Section 13 — Transportation Information

US DOT/TDG Information:

Shipping Name:	Not regulated for transport	**Packing Group:**	None
Hazard Class:	None	**Required Labeling:**	None
UN/NA #:	None	**Additional Information:**	None

Material Safety Data Sheet

Section 14 — Regulatory Information

Component Analysis:
None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

SARA 311/312:

Acute Health Hazard: Yes (if dust is generated)
Chronic Health Hazard: Yes (if dust is generated)
Fire Hazard: No
Sudden Release of Pressure Hazard: No
Reactive Hazard: No

Clean Air Act:
None of this product's components are listed on the Clean Air Act-1990 Hazardous Air Pollutants list.

Section 15 — Other Information

HMIS and NFPA Hazard Ratings:

Category	HMIS	NFPA
Health	1	1
Flammability	0	0
Reactivity	0	0

NFPA Unusual Hazards:
None.

Disclaimer:
Reasonable care has been taken in preparing this document, but the manufacturer makes no warranty with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental, or consequential damages resulting from the use of this product.

This is the end of MSDS