

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: Horizon Stone

FILE NO.: 0001
MSDS Date:1/1/2025



Horizon Stone

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Horizon Thin Veneer Stone
SYNONYMS: Manufactured Stone, Precast Stone Veneer, Synthetic Stone
PRODUCT CODES: N/A

MANUFACTURER: Horizon Stone, LLC.

ADDRESS: 2515 E.43rd St.
Chattanooga, Tn. 37419
EMERGENCY PHONE: 855-877-5905, 423-629-0801 (7:00 am-5:00 pm)
OTHER CALLS: 423-593-5528, 423-593-1385
FAX PHONE: 423-629-0502

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	Portland Cement	Lightweight Aggregate	Air Entrainment	Accelerant	Iron Oxide Pigments	Water
Water						
<u>Volume:</u>	2.64 ft.3	1.00 ft.3	0.25 oz.	3.00 oz.	24 oz./1.00ft.3 P.Cem.	3 gal.
<u>CAS NO.</u>	65997-15-1	N/A	MSDS#3862	MSDS#602508	**	
<u>OSHA PEL:</u>	15 mg/m3	N/A	May cause irritation *	not hazardous	**	
<u>ACGIH-TLV:</u>	10 mg/m3	10 mg/m3	May cause irritation*	not hazardous	5-10mg/m3	

SECTION 2 NOTES: *Air Entrainment-May cause eye and skin irritation, may be harmful if swallowed, may cause respiratory tract irritation. This is a cured product with few hazards. If dust occurs from cutting or grinding, the individual could risk exposure to the above-mentioned ingredients.
There are traces of CaO, MgO, K₂SO₄ and Na₂SO₄ in Portland Cement.
Lightweight Aggregate includes: SiO₂,Fe₂O₃,Al₂O₃, CaO,MgO.
Accelerants include Calcium nitrate and Sodium thiocyanate.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: These ingredients offer no hazardous or unusual conditions from finished products or as shipped. Hazards described mostly refer to cutting or grinding of products, which may cause irritation.

ROUTES OF ENTRY: Inhalation, eye contact, skin contact, ingestion

POTENTIAL HEALTH EFFECTS

EYES: Dust from products may cause slight redness, blurred vision or tears.

SKIN: Dust from the product may cause itching, rash, or short-term irritation.

INGESTION: Ingestion of product may produce gastrointestinal disturbances and irritation; however, ingestion of this product is unlikely.

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INHALATION: Dusts creating from cutting or grinding of the product may cause irritation of the eyes, nose, throat, and respiratory tract. This product may contain crystalline silica. Prolonged and repeated inhalation of respirable crystalline silica may cause a chronic lung disease called silicosis. Silicosis is fibrosis and scarring of the lung tissue which can result in a decrease in lung function, breathlessness, wheezing, coughing and sputum production. Short-Term overexposure to high concentrations of respirable crystalline silica can produce acute silicosis. Acute silicosis is a disease that can rapidly progress within months of initial overexposure and reportedly has caused death within 1 to 2 years.

ACUTE HEALTH HAZARDS: Itching, coughing, wheezing, irritation

CHRONIC HEALTH HAZARDS: Silicosis as a result of extremely high concentration exposures

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Chronic respiratory or skin conditions may temporarily worsen from exposure to dust from products.

CARCINOGENICITY: Warning: IARC Monograph, Volume 42, "Evaluation of the Carcinogenic risk of chemicals to Humans, Silica, and some Silicates: published in 1987 lists silica as a class 2A carcinogen. This means that in their opinion there is sufficient evidence for the carcinogenicity of crystalline silica to experiment animals and limited evidence for the carcinogenicity of crystalline silica to humans.

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush your eyes thoroughly with plenty of water for at least 15 minutes. If irritation continues call a physician immediately.

SKIN: Wash skin with large amounts of water. See medical treatment if irritation continues. Seek immediate medical attention in the event of burns.

INGESTION: If ingestions occur, watch a person for several days to make sure of problems with partial or intestinal obstruction. You may also have the victim drink plenty of water and call a physician immediately.

INHALATION: Immediately move individuals to fresh air. If not breathing, give artificial respiration or oxygen as needed and seek medical attention immediately.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) **LOWER:** N/A

FLASH POINT: none

METHOD USED: one

AUTOIGNITION TEMPERATURE: none

NFPA HAZARD CLASSIFICATION: none

HMIS HAZARD CLASSIFICATION: none

EXTINGUISHING MEDIA: This product is not combustible. Use any extinguishing for surrounding fires.

SPECIAL FIRE FIGHTING PROCEDURES: Use any extinguishing for any fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: none

HAZARDOUS DECOMPOSITION PRODUCTS: none

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Sweep and scoop up materials and put into a suitable container for disposal as a non-hazardous waste. Dust from dry cutting, sawing, grinding, etc. of this product will settle out of air. If on land it can be scooped up for disposal as a non-hazardous waste.

SECTION 6 NOTES: Wear appropriate clothing during cleanup. Always avoid dust. Spill area should be washed thoroughly.

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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special procedures are required for this material.
Sweep or scoop up materials and put in suitable disposable container as non-hazardous dry waste.

OTHER PRECAUTIONS: Dry dust from cutting, grinding, or sawing will settle. Scoop up as noted above.

SECTION 7 NOTES: Wear appropriate clothing during cleanup. Avoid dust during clean up. The area should be washed thoroughly.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: No Significant hazard is offered. Avoid creating breathing dust.

RESPIRATORY PROTECTION: Use an approved NIOSH/MSHA approved dust mask/respirator or equivalent when there is any dust in the environment, usually caused from sawing, cutting, drilling or grinding.

EYE PROTECTION: Use safety glasses with side shields when cutting or grinding. Dust goggles should be worn in overly dusty conditions.

SKIN PROTECTION: Wear tough (ex: leather/PVC) work gloves to protect skin during extended handling. Wash immediately with water if the skin is irritated.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear abrasion resistant clothing and foot protection (ANSI Z41, ASTM-F2412-05, or ASTM-F2413-05).

WORK HYGIENIC PRACTICES: Avoid breathing and creating dust. Do not eat, drink or smoke in work areas.

EXPOSURE GUIDELINES: : Permissible exposure levels for this product must be defined in the workplace due to the combination of silica and other constituents and condition of use. Unless otherwise specified, limits are expressed as eight-hour time-weighted averages (TWA).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Concrete/aggregate product of various shapes, sizes, and colors

ODOR: None

PHYSICAL STATE: Solid

pH AS SUPPLIED: Not applicable

pH (Other): Not applicable

BOILING POINT: NA

MELTING POINT: NA

FREEZING POINT: NA

VAPOR PRESSURE (mmHg): NA

VAPOR DENSITY (AIR = 1): NA

SPECIFIC GRAVITY (H₂O = 1): NA

EVAPORATION RATE: NA

BASIS (=1): NA

SOLUBILITY IN WATER: NA

PERCENT SOLIDS BY WEIGHT: NA

PERCENT VOLATILE: NIL

MOLECULAR WEIGHT: NA

VISCOSITY: NA

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: This is a stable material

CONDITIONS TO AVOID (STABILITY): Avoid airborne dust.

INCOMPATIBILITY (MATERIAL TO AVOID): None expected.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None identified

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): Airborne dust

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

- Dust from cutting and drilling may cause mechanical irritation to eyes and skin
- Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract
- Inhalation may cause coughing, nose and throat irritation, and sneezing
- Higher exposures may cause difficulty breathing, congestion, and chest tightness

Section 11 notes: Silicosis is the major concern by the inhalation and retention of respirable crystalline silica dust.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information found

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Cement based; stone veneer is classified as a non-hazardous solid waste disposal. Disposal should be done in compliance with all relevant local, state, and federal laws.

RCRA HAZARD CLASS: NA

SECTION 13 NOTES: We request that packaging material is disposed of at an appropriate landfill or recycled.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Not regulated

HAZARD CLASS: Not regulated

ID NUMBER: Not regulated

PACKING GROUP: Not regulated

LABEL STATEMENT: Not regulated

OTHER AGENCIES: Not regulated

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: No information available for this product

TSCA (TOXIC SUBSTANCE CONTROL ACT): The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None of this product's components are listed under CERCLA (40 CFR 302.4)

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SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): None of this product's components are listed under SARA Section 302 (40 CFT 355 Appendix A), SARA Section 313 (40 CFR 372.65)

311/312 HAZARD CATEGORIES: Acute and Chronic Health Hazard: Yes (if dust is generated)

STATE REGULATIONS: Iron Oxide and Quartz appear on one or more of the following states hazardous substance lists:

California, Florida, Massachusetts, Minnesota, New Jersey, Pennsylvania

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

HMIS and NFPA Hazard Rating:

<u>Category</u>	<u>HMIS</u>	<u>NFPA</u>
Health	1	1
Flammability	0	0
Reactivity	0	0

NFPA Unusual Hazards: None

PREPARATION INFORMATION:

Key/Legend:

OSHA-Occupational Safety and Health Administration

TLV-Threshold Limit Value

PEL-Permissible Exposure Limit

TWA-Time Weighted Average

STEL-Short Term Exposure Limit

NTP-National Toxicology Program

NIOSH-National Institute for Occupational Safety and Health

NFPA-National Fire Protection Association

HMIS-Hazardous Material Identification System

CERCLA-Comprehensive Environmental Response Compensation and Liability Act

SARA-Superfund Amendments and Reauthorization Act

WHMIS-Workplace Hazardous Materials Information System

DISCLAIMER: This MSDS is intended to provide adequate information for the safe industrial use of this product. It is not intended as a comprehensive reference for its component pure materials. The manufacturer makes no warranty of merchantability or any other warranty, expressed or implied with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damage resulting from its use. The information contained in this MSDS is based on data available to us and is believed to be correct.

MSDS Data Source:

Buzzi-Unicem(Portland Cement)

Big River Industries, INC. (Lightweight Aggregate)

SIKA(Air entrainment and accelerant)

Eagle Color (Iron Oxides Color for Integral color and Mold Coat color)