SAFETY DATA SHEET

Product Name: Casa Di Sassi AMSV
(AMSV - Adhered Masonry Stone Veneer)
Rev. Date 2017-04-18 - Version 2.0

SECTION 1: IDENTIFICATION

GHS Product Identifier: Adhered Masonry Stone Veneer

Identified Use of the Product: Non structural wall covering. Interior and Exterior.

Manufacturer's Information:
Casa Di Sassi
167 Maple Street
P.O. Box 148
Apple Creek, Ohio 44606
330-830-9760

Emergency Telephone Number: CHEMTREC: 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

Classification During Handling and Storage: As defined by the OSHA Hazard Communication Standard, AMSV is exempt from the standard when used and handled as a manufactured product. While an SDS is not required from a regulatory standard, Casa Di Sassi has provided SDS information to be used in activities that involve the generation of dust.

Classification During Dust Generating Activities:
Carcinogenicity - Category 1A
Specific Target Organ Toxicity (Repeated Exposure) - Category 1
Skin Corrosion / Irritation - Category 2
Serious Eye Damage / Eye Irritation - Category 2

Label Elements:
GHS-US Labeling Hazard Pictograms:

Signal Word: Warning

Hazard Statements:
May cause eye irritation.
May cause respiratory Irritation.
May cause skin irritation.
May cause damage to respiratory system through prolonged or repeated exposure.

Precautionary Statements:
Perform dust generating activities in a well ventilated area.
Wear protective gloves, clothing, and eye wear.
IF INHALED: Remove person to fresh air and keep at rest in a comfortable position.
IF IN EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses.
IF SYMPTOMS PERSIST: Get medical advice/attention.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Description of Product: Stone made from concrete that when used in dust generating activities may form hazardous dusts.

Mixture: Substances and hazard classification based on dust composition.

Ingredient	Product Identifier (CAS No.)	% Of Weight	Classification (GHS-US)
Quartz	14808-60-7	0-90%	Carcinogen - 1A STOT Respiratory - 2
Expanded Clay	68334-37-2	40-70%	Not Classified
Portland Cement	655997-15-1	8-15%	STOT Respiratory - 3 Eye Irritation - 2B
Iron Oxide Pigments	1309-37-1	0-1%	Not Classified

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

Inhalation: If the person has inhaled dust from dust generating activities associated with veneer stone, move the person to fresh air and allow him/her to rest comfortably. Provide fresh drinking water to allow the person to rinse out their mouth and upper respiratory tract. Seek medical attention if irritation persists or if the person experiences difficulty breathing.

Eye Contact: If the person's irritation is due to dust exposure , carefully flush eyes with clean water for at least 15 minutes. Continue flushing eyes until irritation has subsided. Seek medical attention if irritation persists.

Skin Contact: If the persons irritation is due to dust exposure, flush skin with clean water for several minutes. Seek medical attention if irritation and pain persists.

Ingestion: Ingestion is not a common occurrence. No medical attention necessary.

Most Important Symptoms and Effects - Both Acute and Delayed

Inhalation: The immediate acute response to dust inhalation is respiratory system irritation. Upon repeated high levels of dust exposure, crystalline silica content of the dust may cause delayed or chronic respiratory illnesses, including silicosis and cancer.

Eye Contact: Exposures of the eyes to particles and dust may result in irritation, pain, redness, and blurred vision. All of these events are typically temporary.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Use extinguishing agent appropriate for surrounding flammable materials. Finished product is not flammable.

Specific Hazards Arising from Substance: Not Combustible. Nonflammable.

Advice for Firefighters: Use protective equipment appropriate for surrounding materials. No specific precautions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment.

Emergency Procedures: Evacuate unprotected personnel out of the area.

For Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment.

Emergency Procedures: Ventilate area if dust is generated.

Environmental Precautions

Environmental Precautions: Reuse product as appropriate to avoid disposal.

Methods and Materials for Containment and Clean-Up

Containment: Water involved cleanup is preferred to encapsulate dust and prevent airborne contaminants. Avoid dry sweeping.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Protective Measures: Cutting, crushing, or grinding crystalline silica-bearing materials will release respirable crystalline silica. Use all appropriate measures of dust control or suppression and Personal Protective Equipment (PPE) as described in Section 8.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Ingredient	Exposure Limits
Quartz (CAS 14808-60-7)	**OSHA PEL** TWA: 10 mg/m³. Form: Respirable Dust TWA: 30 mg/m³. Form: Total Dust **ACGIH TLV**(2) TWA: 0.025 mg/m³. Form: Respirable Dust **NIOSH REL** TWA: 0.05 mg/m³. Form: Respirable Fraction
Expanded Clay	**OSHA PEL** TWA: 5 mg/m³. Form: Respirable Dust TWA: 15 mg/m³. Form: Total Dust **ACGIH TLV**(2) TWA: 3 mg/m³. Form: Respirable Dust TWA: 10 mg/m³. Form: Total Dust
Portland Cement (CAS 65997-15-1)	**OSHA PEL** TWA: 5 mg/m³. Form: Respirable Dust TWA: 15 mg/m³. Form: Total Dust **ACGIH TLV**(2) TWA: 1 mg/m³. Form: Respirable Dust **NIOSH REL** TWA: 5 mg/m³. Form: Respirable Fraction TWA: 10 mg/m³. Form: Total Dust
Iron Oxide (CAS 1309-37-1)	**OSHA PEL** TWA: 5 mg/m³. Form: Respirable Dust TWA: 10 mg/m³. Form: Fume TWA: 15 mg/m³. Form: Total Dust **ACGIH TLV**(2) TWA: 5 mg/m³. Form: Respirable Dust **NIOSH REL** TWA: 5 mg/m³. Form: Total Dust

Exposure Controls

Engineering Controls: During dust generating activities, ventilation controls should be implemented to reduce the dust content to acceptable limits. Wet dust suppression and dust collection devices should be used. .

Respiratory Protection: Use approved NIOSH/OSHA respiratory protection if workers are exposed to dust beyond acceptable limits.

Eye Protection: Approved safety glasses, goggles, and or face shields are recommended. Contacts are not recommended.

Skin & Body Protection: Appropriate work clothing, gloves, and footwear should be worn.

Environmental Controls: No specialized instructions are required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
Appearance: Solid. Visually represents natural stones.
Odor: Odorless
Odor Threshold: N/A
PH: Not Available
Evaporation Rate: N/A
Melting Point: Not Available
Freezing Point: Not Available
Boiling Point: Not Available
Flash Point: Not Available
Auto-Ignition Temperature: Not Available
Decomposition Temperature: Not Available
Flammability (solid, gas): Not Available
Lower Flammable Limit: Not Available
Upper Flammable Limit: Not Available
Vapor Pressure: Not Available
Relative Vapor Density at 20° C: Not Available
Relative Density: Not Available
Specific Gravity: 2.6
Solubility: Negligible in water
Partition Coefficient - N-Octanol/Water: Not Available
Viscosity: Not Available
Explosion Data: Not Applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Hazardous reactions are not expected to occur under normal conditions.
Chemical Stability:	Stable.
Possibility of Hazardous Reactions:	Not applicable.
Conditions to Avoid:	Not applicable.
Incompatible Materials:	Not applicable.
Hazardous Decomposition Products:	Not applicable.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation:	When product is shaped or cut, respirable dust may be generated that, when inhaled, can cause respiratory irritation. Prolonged or repeated inhalation exposure may cause chronic illness.
Eye Contact:	When product is shaped or cut, chips or dust may enter unprotected eyes and cause injury or irritation.
Skin Contact:	Product is abrasive and may irritate unprotected skin.
Ingestion:	Not Expected to be an exposure route of concern.

Symptoms Related to Physical, Chemical, and Toxicological Characteristics

Immediate Effects:	Irritation of eyes, skin, and respiratory tract due to abrasion or dust inhalation will produce immediate discomfort.
Delayed and Chronic Effects:	Inhalation of dust on a prolonged or repeated basis may result in chronic lung disease or silicosis, and may also result in lung cancer, in particular among tobacco users.

Numerical Measures of Toxicity

The acute and chronic effects of exposure to this product's dust have not been quantified.

Carcinogenicity

The ingredient quartz, also known as crystalline silica, has been determined to be carcinogenic by the International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP).

SECTION 12: ECOLOGICAL INFORMATION

No data is available on the AMSV dust generated from cutting, grinding, crushing, drilling or breaking.

SECTION 13: DISPOSAL CONSIDERATIONS

Scrap materials should be re-used or recycled. Waste is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Dispose of waste materials in accordance with all local, regional, provincial, territorial, and international guidelines.

SECTION 14: TRANSPORT INFORMATION

DOT: Not Regulated

IMDG: Not Regulated

IATA: Not Regulated

TDG: Not Regulated

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Inventory: All constituents are included in the Toxic Substances Control Act Chemical Inventory. [40 CFR 720]

SARA 313: This product does may contain constituents listed under SARA (Title III) Section 313, but not in amounts requiring supplier notification under [40 CFR 372], Subpart C.

U.S. State Regulations

California Prop. 65: Crystalline Silica.

Massachusetts: Silica, Crystalline-Quartz, Calcium Oxide, Calcium, Carbonate (Limestone), Portland Cement, Iron Oxide Dust.

New Jersey: Silica, Crystalline-Quartz, Calcium Oxide, Calcium, Carbonate (Limestone), Portland Cement, Iron Oxide Dust.

Pennsylvania: Quartz (Silica Dioxide), Calcium Oxide, Calcium Carbonate (Limestone), Cement, Portland, Iron Oxide.

SECTION 16: OTHER INFORMATION

Party Responsible for Preparation of this Document

Casa Di Sassi: (330) 830-9760

Limitations

The information and recommendations set forth in this document are based on data we have in our possession, and we have reason to believe is accurate. It is, however the user's responsibility to determine the safety, toxicity, or suitability for his/her own use of this product. No responsibility can be assumed for any damage or injury resulting from abnormal use, failure to adhere to recommended practices, or from any hazards inherent in the nature of the product. Casa Di Sassi makes no warranty expressed or implied regarding the accuracy of data in this document or the results to be obtained from the use thereof.