



Safety Data Sheet (SDS)

Product: Manufactured Stone Veneer Accessories

SDS Number: 001

Preparation Date: 02/07/2017

Version Number: 1.01

Revision Date: 02/14/2018

SECTION 1: IDENTIFICATION OF THE MIXTURE AND SUPPLIER

1.1 Product Identifier

Product Name: Manufactured Stone Veneer Accessories
Product Code: Various
Formula: Mixture

1.2 Relevant Identified Uses of the Product and Uses Advised Against

Relevant Identified Uses: Interior or Exterior Wall or Surface Covering
Decorative Landscape Covering
Uses Advised Against: Any use other than those recommended

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer/Supplier: F&M Surfaces, Inc.
Product Marketed As: Eben Stone Design
Street Address: 2295 Molly Pitcher Highway South, Chambersburg, PA
Country ID / Postal Code: USA / 17202
Customer Service Telephone: 717-267-3799

1.4 Emergency Telephone Number

Emergency Telephone Number: 717-267-3799
Hours Available: 7:00 AM - 4:00 PM EST / Monday - Friday

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Mixture

Manufactured Stone Veneer Accessories conform to the definition of an article according to the OSHA Hazard Communication Standard 29 CFR 1910.1200(c). Under normal conditions, the article releases no more than minute or trace amounts of hazardous chemicals, and the article does not pose a physical hazard or health

risk to employees.

An SDS is not required for articles; however, this SDS is provided to communicate hazards which may apply where activities relating to the alteration of the Manufactured Stone Veneer Accessories (cutting, grinding, crushing, drilling, or breaking) may result in the release of a hazardous substance in dust.

GHS Classification(s) for Manufactured Stone Veneer Accessories according to OSHA Hazard Communication Standard (29 CFR 1910.1200) under normal handling conditions:

None

GHS Classification(s) for dust generated from cutting, grinding, crushing, drilling, or breaking Manufactured Stone Veneer Accessories according to OSHA Hazard Communication Standard (29 CFR 1910.1200) under use conditions that may result in the release of hazardous substances:

Skin Corrosion/Irritation (H315)

Eye Damage/Irritation (H319)

Specific Target Organ Toxicity - Repeated Exposure (STOT-RE), Category 1 (H372)

Additional Information:

For full text of GHS Hazard Statements (H-Statements) and associated Precautionary Statements (P-Statements), see below.

2.2 Label Elements

Under normal conditions, no Hazard Pictograms, Signal Words, or Precautionary Statements are applicable to Manufactured Stone Veneer Accessories.

The following Hazard Pictograms, Signal Word, and Precautionary Statements only apply to the dust generated from altering Manufactured Stone Veneer Accessories.

Hazard Pictograms:



Signal Word:

Danger

Hazard Statements:

(For dust generated from cutting, grinding, crushing, drilling, or breaking Manufactured Stone Veneer Accessories.)

H315: Causes skin irritation.

H319: Causes eye irritation.

H372: Causes damage to lungs through prolonged or repeated inhalation exposure.

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Revision Date: 02/14/2018**Precautionary Statements:****(For dust generated from cutting, grinding, crushing, drilling, or breaking Manufactured Stone Veneer Accessories.)**

P260: Do not breathe dust.
P270: Do not eat, drink, or smoke while using this product.
P264: Wash thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352: IF ON SKIN: Wash with plenty of water.
P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P314: Get medical advice/attention if you feel unwell.
P332 + P313: If skin irritation occurs, get medical advice/attention.
P337 + P313: If eye irritation occurs, get medical attention.
P362 + P364: Take off contaminated clothing and wash before reuse.
P501: Dispose of generated dust in accordance with local, regional, national, and international regulations.

Wet methods of cutting, grinding, crushing, drilling, or breaking natural or manufactured stone are the preferred methods for controlling dust.

2.3 Other Hazards

The health effects listed herein are unlikely to occur unless dust is created through various methods of altering (cutting, grinding, crushing, drilling, or breaking) the product. Silica Dust (respirable, crystalline fraction) may be released through this process. Dust may cause eye damage or skin irritation. May irritate respiratory tract. May, under repeated inhalation exposure, cause lung damage.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1 Description of the Mixture**

The product is a solid concrete block that, when subjected to cutting, grinding, crushing, drilling, or breaking, may form hazardous dusts.

3.2 Ingredients

Name	CAS Number	Weight %	Classification (GHS-US)
Silica Dioxide (Quartz)	14808-60-7	0-75	STOT-RE, Category 1 (H372)
Portland Cement	65597-15-1	20-40	Skin Corrosion/Irritation, Category 2 (H315) Eye Damage/Irritation, Category 1 (H318) Skin Sensitivity, Category 1 (H317) STOT-SE, Category 3 (H335)
Iron Oxide Pigments	001309-37-1	0-3	Not considered a hazardous ingredient

Other components may be present in small quantities that do not pose a significant health hazard.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

- Inhalation:** If dust generated from altering the product is inhaled, remove person to fresh air and keep comfortable for breathing. Get medical attention if respiratory symptoms persist.
- Skin Contact:** If dust generated from altering the product is on skin, wash with soap and water. Get medical advice/attention if irritation occurs/persists.
- Eye Contact:** If dust generated from altering the product is in eyes, rinse cautiously with water for several minutes. Get medical advice/attention if irritation occurs/persists.

4.2 Most important health effects related to dust generated from cutting, grinding, crushing, drilling, or breaking Manufactured Stone Veneer Accessories, both acute and delayed.

- Acute Effects:** Direct exposure to dust generated from cutting, grinding, crushing, drilling, or breaking product may cause eye damage/irritation, skin irritation, and respiratory irritation. Dust can dry and irritate the skin and cause dermatitis. Dust can irritate eyes and skin through mechanical abrasion.
- Delayed Effects:** Repeated exposure to inhaled dust generated from cutting, grinding, crushing, drilling, or breaking product may cause lung damage. Chronic inhalation of dusts containing free crystalline silica may result in silicosis.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Seek medical advice if contact with dust generated from altering the product causes skin or eye irritation that persists after rinsing. Seek medical advice if you feel unwell or have trouble breathing after exposure to dust generated from altering the product.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media

- Suitable Extinguishing Media:** Product is not flammable. Use extinguishing media appropriate for surrounding fire.
- Unsuitable Extinguishing Media:** Not applicable; the product is not flammable.

5.2 Special Hazards Arising From the Substance or Mixture

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Hazardous Combustion Products: None known.
Explosion Hazard: None known.
Reactivity: Hazardous reactions will not occur under normal conditions.

5.3 Advice For Firefighters

No special precautions need to be taken regarding this product as it is not flammable and will not contribute to fire. All appropriate precautions should be taken as with any other fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures (Associated with dust generated from cutting, grinding, crushing, drilling, or breaking Manufactured Stone Veneer Accessories)

General Measures: No special measures are required.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (See Section 8).

Emergency Procedures: Evacuate unnecessary personnel. Use scooping, water/flushing/misting, or ventilated vacuum cleaning systems.

For Emergency Responders

Protective Equipment: Use appropriate personal protection equipment (See Section 8). In case of fire, use self-contained breathing apparatus with full face mask.

Emergency Procedures: Avoid creating any unnecessary dust, and ventilate the area. Use scooping, water/flushing/misting or vacuum cleaning systems.

6.2 Environmental Precautions

Discard any product or dust residue in compliance with local regulations. Prevent entry of dust to sewers and public waters.

6.3 Methods and Material for Containment and Cleaning Up

For Containment: No specific measures are necessary.

Methods For Cleaning Up:	After dust has been generated by altering the product, use scooping, water spraying/flushing/misting, or ventilated vacuum cleaning systems. Use closed containers. Do not use pressurized air to clean dust. Do not use any cleaning methods that would facilitate the spread of dust.
Other Information:	Take measures to avoid dust formation during cutting, grinding, crushing, drilling, or breaking activities. Wet methods of cutting are preferred.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Protective Measures:	Avoid contact with dust generated from altering the product, including breathing, skin contact, eye contact, or contact with clothing which may spread. Wash thoroughly after handling. Wet methods of cutting, grinding, crushing, drilling, or breaking the product are preferred to control dust.
Measures to Prevent Fires:	Not applicable; material is non-flammable.
Measures to Prevent Dust Generation:	Vacuum, scoop, or use water mist/spray/flush to remove generated dust during alteration of the product. Do not use pressurized air to clean dust. Wet methods of altering the product are preferred.
Measures to Protect the Environment:	Not applicable; materials is not an environmental hazard.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water after handling. Do not breathe dust, and use in an adequately ventilated area. Use a NIOSH approved respirator for silica dust when exposed to dust from this product. Respirable crystalline silica dust may be in the air without a visible dust cloud. Wash or vacuum clothing that has become dusty. Do not eat, smoke, or drink while handling dust generated by altering the product.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions:	Store away from incompatible materials.
Incompatible Materials:	Strong acids, strong bases, strong oxidizers.

Storage Conditions: Store in a well-ventilated place. Keep cool. Minimize dust during handling.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

OCCUPATIONAL EXPOSURE LIMITS FOR HAZARDOUS SUBSTANCES IN THE WORKPLACE				
SUBSTANCE		OSHA PEL TWA / STEL (mg/m ³)	NIOSH REL TWA / STEL (mg/m ³)	ACGIH TLV TWA / STEL (mg/m ³)
Quartz	Respirable	0.05 ÷ (%SiO ₂ + 2)	0.05	0.025
Particulates Not Otherwise Regulated	Total	15	10	-
	Respirable	5	5	-

8.2 Exposure Controls

8.2.1 Exposure Controls

Engineering Controls:

Ventilation should be adequate to maintain the ambient workplace atmosphere below the exposure limits. Use general and local exhaust ventilation and dust collection systems as necessary to minimize exposure to dust generated from altering the product. Wet methods of altering the product are the preferred method of controlling and minimizing dust.

8.2.2 Personal Protective Equipment

Respiratory Protection:

Wear a NIOSH/MSHA approved particulate respirator if exposure to dust generated from altering the product is unavoidable and where occupational exposure limits may be exceeded. If airborne dust exposures exceed the PEL or TLV, a self-contained breathing apparatus or airline respirator is recommended.

Eye and Face Protection:

If eye contact with dust generated from altering the product is anticipated, wear protective glasses with side shields. Avoid contact lenses.

Hand and Skin Protection:

Foot Protection:

Wear gloves and protective clothing to minimize skin contact with dust generated from altering the product. Wash hands with soap and water after contact with dust generated from altering the product.

Wear American National Standards Institute (ANSI) approved hard-toed safety shoes when handling Manufactured Stone Veneer Accessories.

8.2.3 Environmental Exposure Controls

Instructions to Prevent Exposure:

No special requirements. Discard any product or dust residue in a manner consistent with local regulations. Wet methods of altering the product are the preferred method of controlling dust.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Property	Value	Property	Value
Physical State:	Solid	Lower Explosive Limit (LEL):	Not Applicable
Appearance:	Solid Concrete Pieces of Various Colors	Vapor Pressure (Pa):	Not Applicable
Odor:	Odorless	Vapor Density:	Not Applicable
Odor Threshold:	Not Applicable	Relative Density:	Not Applicable
pH (25°C):	Not Applicable	Specific Gravity:	> 1
Melting Point (°C):	Not Applicable	Water Solubility:	Insoluble
Freezing Point (°C):	Not Applicable	Partition Coefficient: N-Octanol/Water:	Not Applicable
Boiling Point (°C):	Not Applicable	Auto-Ignition Temperature (°C):	Not Applicable
Flash Point (°C):	Not Applicable	Decomposition Temperature (°C):	Not Available
Evaporation Rate:	Not Applicable	Viscosity:	Not Applicable
Flammability (Solid, Gas):	Not Combustible	Explosive Properties:	Not Applicable
Upper Explosive Limit (UEL):	Not Applicable	Oxidizing Properties:	Not Applicable

9.2 Other Information

No additional information is available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable Inert Material
10.2 Chemical Stability	Stable Inert Material
10.3 Possibility of Hazardous Reactions	None Known
10.4 Conditions to Avoid	None Known
10.5 Incompatible Materials	Strong Acids. Strong Bases. Strong Oxidizers.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute Toxicity:	No ingredients within the mixture exhibit acute toxicity.
Skin Corrosion/Irritation:	Contact with dust may cause skin irritation.
Serious Eye Damage/Irritation:	Eye irritant. Eye contact with dust generated from altering the product may cause irritation.
Respiratory or Skin Sensitization:	No ingredients within the mixture exhibit sensitization effects.
Germ Cell Mutagenicity:	No ingredients within the mixture exhibit mutagenic effects.
Carcinogenicity:	Crystalline silica (respirable) may be present in dust generated from altering the product and has been identified as a carcinogen by IARC and NTP.
Reproductive Toxicity:	No ingredients within the mixture exhibit reproductive toxicity.
STOT Single Exposure:	Not Classified
STOT Repeated Exposure:	Not Classified
Aspiration Hazard:	Not applicable; the product is not a liquid.

Symptoms/Injuries After Inhalation:	Dust generated by alteration of the product, if present, may cause respiratory irritation after excessive inhalation exposure.
Symptoms/Injuries After Skin Contact:	Dust generated by alteration of the product, if present, may cause irritation in skin folds or by contact in combination with tight clothing.
Chronic Symptoms:	None expected under normal conditions of use.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	No Additional Information Available
12.2 Persistence and Degradability	No Additional Information Available
12.3 Bioaccumulative Potential	No Additional Information Available
12.4 Mobility In Soil	No Additional Information Available
12.5 Other Adverse Effects	No Additional Information Available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal Recommendations:	Dispose of waste material in accordance with all local, regional, national, and international regulations.
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SECTION 14: TRANSPORTATION INFORMATION

14.1 In Accordance with US DOT	Not Regulated For Transport
14.2 In Accordance with IMDG	Not Regulated For Transport
14.3 In Accordance with IATA	Not Regulated For Transport

SECTION 15: REGULATORY INFORMATION

15.1 United States Federal Regulations

The product is classified as an article and is exempt from reporting [40 CFR 370.13(b)].

Toxic Substances Control Act (TSCA) Inventory Status:	All components of this product are listed on the TSCA Inventory or are exempt from listing.
SARA Section 311/312:	Contains respirable crystalline silica when dust is generated by alteration of the product, which may cause acute or chronic toxicity. No other hazards.
SARA Section 313:	This product does not contain any toxic chemicals listed under 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA).
State Right-to-Know Laws:	This product contains: Silica, Crystalline-Quartz; Calcium Oxide; Calcium Carbonate; Portland Cement; Chemicals; Iron Oxide It is classified as an article and is exempt from reporting.
California Proposition 65:	WARNING: This product contains crystalline silica and other chemicals known to the State of California to cause cancer, birth defects, and other reproductive harm.

SECTION 16: OTHER INFORMATION

16.1 Indication of Changes

Initial SDS prepared on 2/7/2017; Revised 2/7/2017.

16.2 Abbreviations, Acronyms, and Definitions

Product:	Manufactured Stone Veneer Accessories are referenced as “the product” or “product” in this document.
Alteration:	Cutting, grinding, crushing, drilling, or breaking Manufactured Stone Veneer Accessories is referenced as “altering” or “alteration” in this document.
ANSI:	American National Standards Institute
CAS:	Chemical Abstract Service Registry Number
CFR:	Code of Federal Regulations
GHS:	Globally Harmonized System of Classification and Labeling
IARC:	International Agency for Research on Cancer
LEL:	Lower Explosive Limit
MSHA:	Mine Safety and Health Administration
NIOSH:	National Institute of Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration
Pa:	Pascal

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PEL: Permissible Exposure Limit
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet
STEL: Short-Term Exposure Limit
STOT-RE: Specific Target Organ Toxicity - Repeated Exposure
STOT-SE: Specific Target Organ Toxicity - Single Exposure
TLV: Threshold Limit Value
TSCA: Toxic Substances Control Act
TWA: Time-Weighted Average
UEL: Upper Explosive Limit
USA: United States of America
US DOT: United States Department of Transportation
EST: Eastern Standard Time

Disclaimer

This SDS has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. The information in this document is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as a guarantee of any specific property of the product. No warranty or representation, express or implied, is made as to the accuracy or completeness of this information. No responsibility can be assumed for any damage or injury resulting from abnormal use of the product, failure to adhere to recommended practices and protocols, or from any hazards inherent in the product.

— End of Safety Data Sheet (SDS) —