

Coronado Stone Adhered Manufactured Stone Veneer

Safety Data Sheet

Revision Date: 8/11/2017

Date of Issue: 8/11/2017

Supersedes Date: 05/15/2013

SECTION 1: IDENTIFICATION

1.1 Product Identifier

Product Name: Adhered Manufactured Stone Veneer

1.2 Intended Use of the Product

Building Material (includes all types and colors)

1.3 Name, Address, and Telephone Number of the Responsible Party

Company

Coronado Stone

11191 Calabash Ave. Fontana, CA 92337

(909) 357-8295

www.coronado.com

1.4 Emergency Telephone Number

(909) 357-8295 (7:00am-5:00pm PST M-F)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the Substance or Mixture

This product is an article as defined in the OSHA Hazard Communication Standard [29 CFR 1910.1200(c)] and is exempt from regulatory requirements when handled as a manufactured item. This SDS contains additional health hazard information related to the activity of cutting, grinding, crushing, drilling, or breaking that may result in dust generation.

Classification (GHS-US)

Eye Irritation 2B

Respiratory Irritation STOT Single Exposure 3

Respiratory Illness STOT Repeated Exposure 2

Carcinogen 1A

2.2 Label Elements

GHS-US Labeling Hazard



Pictograms (GHS-US)

Signal Word (GHS-US):

- Warning

Hazard Statements (GHS-US):

- May cause eye irritation. (H320)
- May cause respiratory irritation. (H335)
- May cause cancer. (H350)
- May cause damage to respiratory system through prolonged or repeated exposure. (H372)

Precautionary Statements (GHS-US):

- Do not handle until all safety precautions have been read and understood. (P202)
- Avoid breathing dust; in case of inadequate ventilation, wear respiratory protection. (P264) (P284)

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08/11/2017

EN (English US)

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- Cut/grind/chip product in a well-ventilated area or use a wet saw. (P271)
- Wear protective gloves, protective clothing, and eye protection. (P280)
- **IF INHALED:** Remove person to fresh air and keep at rest in a position comfortable for breathing. (P304) (P340)
- **IF IN EYES:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing until pain or irritation subsides. (P305) (P351) (P338)
- **IF SYMPTOMS PERSIST:** Get medical advice/attention. (P308) (P313)

2.3 Other Hazards

Dust generated from cutting, grinding, crushing, drilling or breaking may aggravate those with pre-existing eye, skin, or respiratory conditions.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description of Product

Concrete matrix article.

3.2 Mixture

Substances and hazard classification based on dust composition.

Ingredient	Product Identifier (CAS No.)	% (w/w)	Classification (GHS-US)
Pumice	1332-09-8	50-75	• Respiratory Irritation, STOT 3, H335
			• Eye Irritation 2B, H320
Portland cement (cured)	65997-15-1	15-30	• Respiratory Irritation, STOT 3, H335
			• Eye Irritation 2B, H320
Crystalline Quartz	14808-60-7	1-5	• Carc. 1A, H350
			• STOT Respiratory 2, H372
Iron oxide	1309-37-1	1-4	• Not classified

Note: This product contains additional not classified substances at low concentrations that do not contribute to the hazards of this product.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. Any person who is experiencing symptoms of injury or illness should be moved to a comfortable area with fresh air, and the label or SDS of this product reviewed.

Inhalation: If symptoms of dust exposure (respiratory irritation) occur from cutting, grinding, crushing, drilling, or breaking, move the person to fresh air. Provide drinking water, if conscious,

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to flush mouth and irrigate upper respiratory tract. Seek medical attention for discomfort or if coughing or other symptoms do not subside.

Eye Contact: If injury is due to a projectile, seek immediate medical attention. If the person's symptom is eye irritation due to dust exposure from cutting, grinding, crushing, drilling, or breaking, careful flushing with clean water should continue for at least 15 minutes. If contact lenses are present, they should be removed after flushing. Flushing should continue until irritation subsides. Medical attention should be obtained if irritation persists.

Skin: Injuries to skin due to abrasion, laceration, or crushing should be treated by flushing with clean water, followed by first aid (application of disinfectant and bandage). If dust generated from cutting, grinding, crushing, drilling, or breaking is on the skin, wash with soap and water. If the injury is more extensive or irritation and pain persists, medical attention should be sought.

4.2 Most Important Symptoms and Effects—Both Acute and Delayed

General: The most important symptoms and effects from exposure to dust from cutting, grinding, crushing, drilling, or breaking of this product is respiratory irritation and respiratory system chronic illness if significant exposures occur repeatedly.

Inhalation: The immediate acute response to dust inhalation from cutting, grinding, crushing, drilling, or breaking 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 from cutting, grinding, crushing, drilling, or breaking may result in irritation, pain, redness, and blurred vision, which is usually temporary.

Skin Contact: Other than abrasion and irritation, skin contact does not cause delayed or chronic symptoms.

4.3 Indication of Immediate Medical Attention and Special Treatment

Any time symptoms of eye irritation or respiratory irritation persist, medical attention should be obtained.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Finished product is not combustible.

5.2 Special Hazards Arising from the Substance or Mixture

Fire Hazard: Not combustible.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions are not expected to occur under normal conditions.

5.3 Advice for Firefighters

Not applicable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

General Measures: Do not breathe dust. Do not get in eyes, on skin, or on clothing.

6.1.1. For Non-Emergency Personnel

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Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip clean-up crew with proper protection.

Emergency Procedures: Ventilate area if dust is generated.

6.2 Environmental Precautions

Reuse product as appropriate to avoid disposal.

6.3 Methods and Material for Containment and Clean-Up

Containment: Contain and collect as any solid. Avoid actions that cause dust to become airborne.

Do not breathe dust, and do not allow large quantities of dust to contact skin.

6.4 Reference to Other Sections

See Section 8. Exposure Controls and Personal Protection. For further information, refer to Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Additional Hazards When Processed: 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) 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, and again when leaving work.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Not applicable.

7.3 Specific End-Use(s)

Not applicable.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limits

The following exposure limits are based on a time-weighted full-shift exposure, unless otherwise noted.

Ingredient	OSHA PEL(1)	ACGIH-TLV(2)	Other ⁽³⁾⁽⁴⁾
Pumice	15 mg/m ³ (total dust); 5 mg/m ³ (respirable fraction)	10 mg/m ³ (total dust); 3 mg/m ³ (respirable fraction)	

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Portland cement	15 mg/m ³ (total dust); 5 mg/m ³ (respirable fraction)	1 mg/m ³ (respirable fraction containing no asbestos and < 1% crystalline silica)	NIOSH REL – 10 mg/m ³ (total dust); 5 mg/m ³ (respirable fraction)
Quartz	30 mg/m ³ ÷ % SiO ₂ +2 (total dust); 10mg/m ³ ÷ % SiO ₂ +2 (respirable fraction)	0.025 mg/m ³ (respirable fraction)	NIOSH REL – 0.05 mg/m ³ (respirable fraction)
Iron oxide	<u>Fume</u> : 10mg/m ³ (total dust); Particulate: 15 mg/m ³ (total dust); 5 mg/m ³ (respirable fraction)	5 mg/m ³ (respirable dust)	NIOSH REL – 5 mg/m ³ (total dust)

Notes:

- (1) OSHA PEL (Permissible Exposure Level at 29 CFR 1910.1000)
- (2) ACGIH-TLV (American Conference of Governmental Industrial Hygienists-Threshold Limit Values 2015)
- (3) NIOSH REL (National Institute for Occupational Safety & Health Recommended Exposure Limit)
- (4) Canadian Provincial and other nation control parameters are listed on the Supplement

8.2 Exposure Controls

Appropriate Engineering Controls: Power equipment should be equipped with wet dust suppression or dust collection devices if cutting/grinding/chipping product. Emergency eyewash equipment should be available in the immediate vicinity of any potential exposure. Use local exhaust or general dilution ventilation, or other suppression methods to maintain dust levels.

Personal Protective Equipment: Protective goggles or safety glasses, and gloves. Wear respiratory protection if dust is present when cutting/grinding/chipping product.

Hand Protection: Protective gloves as appropriate to prevent abrasion and hand injuries.

Eye and/or Face Protection: Approved safety glasses, goggles, and/or face-shield.

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

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Physical State: Solid.

Appearance: Solid. Stones come in a wide range of colors.

Odor: Essentially odorless.

Odor Threshold: Not available.

pH: Not available.

Evaporation Rate: Not available.

Melting Point: Not available.

Freezing Point: Not available.

Boiling Point: Not available.

Flashpoint: 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.

Bulk Density: 1.5

Solubility: Negligible in water.

Partition Coefficient—N-Octanol/Water: Not available.

Viscosity: Not available.

Explosion Data—Sensitivity to Mechanical Impact: Not expected to present an explosion hazard due to mechanical impact.

Explosion Data—Sensitivity to Static Discharge: Not expected to present an explosion hazard due to static discharge.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous reactions are not expected to occur under normal conditions.

10.2 Chemical Stability

Stable.

10.3 Possibility of Hazardous Reactions

Not applicable.

10.4 Conditions to Avoid

Not applicable.

10.5 Incompatible Materials

Not applicable.

10.6 Hazardous Decomposition Products

Not applicable.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Likely Routes of Exposure

Skin Contact: Product is abrasive and may irritate unprotected skin.

Eye Contact: When product is shaped or cut, chips or dust may enter unprotected eyes and cause injury or irritation.

Inhalation: When product is shaped or cut, respirable dust may be generated that, when inhaled, can cause respiratory system irritation. Prolonged or repeated inhalation exposure may cause chronic illness.

Ingestion: Not expected to be an exposure route of concern.

11.2 Symptoms Related to Physical, Chemical, and Toxicological Characteristics

Immediate Effects: Irritation of skin, eyes, and respiratory tract due to abrasion or dust inhalation will produce immediate discomfort, and first aid provided.

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 smokers.

11.3 Numerical Measures of Toxicity

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

11.4 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

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

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal Recommendations: Scrap material should be re-used or recycled. Waste is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) (40 CFR 261).

Dispose of waste material in accordance with all local, regional, national, provincial, territorial, and international regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Not regulated for transport.

14.2 In Accordance with IMDG

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Not regulated for transport.

14.3 In Accordance with IATA

Not regulated for transport.

14.4 In Accordance with TDG

Not regulated for transport.

SECTION 15: REGULATORY INFORMATION

15.1 U.S. Federal Regulations

Stone

SARA Section 313 Emission Reporting

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

TSCA Inventory

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

15.2 U.S. State Regulations

State Right-to-Know Laws

This product, as an article, is exempt from hazardous substance inventory reporting under the Massachusetts, New Jersey, and Pennsylvania right-to-know laws.

California Proposition 65—Warning Required

WARNING: This product contains crystalline silica and other chemicals known to the State of California to cause cancer, birth defects, and other reproductive harm.

15.3 Canadian Regulations

DSL

All ingredients are listed or exempt from inclusion on the Canadian Domestic Substances List (DSL).

WHMIS

Class D, Division 2, Subdivision A – Material causing other toxic effects. Very Toxic-Chronic.

This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all of the information required by the CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

16.1 Indication of changes:

Initial SDS prepared on 05-15-2015; Revised 21/07/2017

16.2 Abbreviations and acronyms:

AMSV Adhered Masonry Stone Veneer

ANSI: American National Standards Institute

CAA: Clean Air Act

Cal/OSHA: California Department of Industrial Relations - Division of Occupational Safety and Health

CAS: Chemical Abstract Service Registry Number

CFR: Code of Federal Regulations

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CWA: Clean Water Act
GHS: Globally Harmonized System of Classification and Labeling
HMIS: Hazardous Materials Identification System
IARC: International Agency for Research on Cancer
LEL: Lower explosive limit
MSHA: Mine Safety and Health Administration
NA: Not Applicable
NIOSH: National Institute of Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
Pa: Pascal
PEL: Permissible exposure limit
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety data sheet
STEL: Short-term exposure limit
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 of Department of Transportation
VOC: Volatile organic compound
STOT-RE: Specific target organ toxicity-repeated exposure

16.3 Other Hazards: Hazardous Materials Identification System (HMIS)

Degree of hazard: 0 = low, 4 = extreme

Health: 1* Flammability: 0 Reactivity: 0

** Dust generated from cutting, grinding, crushing, drilling or breaking activities may result in a chronic health hazard (Category 3 Health Hazard)*

Personal Protection: B

Limitations

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The information and recommendations set forth herein 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 the herein described product. Because the actions by others is beyond our control, Coronado Stone makes no warranty expressed or implied regarding accuracy of the data or the results to be obtained from the use thereof.