



MATERIAL SAFETY DATA SHEET
Material Name: **Coronado Stone Veneer**

FILE NUMBER: 001

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Precast Stone Veneer
SYNONYMS: N/A
PRODUCT CODES: N/A

MANUFACTURER: Coronado Stone Products

ADDRESS: 11191 Calabash Ave. Fontana, CA 92337

EMERGENCY PHONE: (909) 357-8295 (7:00am- 5:00pm PST M-F)
FAX PHONE: (909) 357-7362

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	Portland Cement	Pumice and Lightweight Aggregate	Sand and Aggregate	Metal Oxide Pigments
<u>CAS NO.</u>	65-997-15-1	1332-09-8	14808-60-7	1309-37-1
OSHA PEL:	15mg/m ³	30mg/m ³ ÷ (%SiO ₂ +2)	30mg/m ³ ÷ (%SiO ₂ +2)	10mg/m ³
ACGIH TLV:	10mg/m ³	N/A	N/A	5mg/m ³

Component Related Regulatory Information: This material contains crystalline silica and various iron oxide pigments.

Component information/ Information on Non-Hazardous Components: As provided, this product is expected to produce minimal, if any hazards. However, if dusts are generated, these components may be present; this product would be considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: No unusual conditions are expected from this product. Inhalation of dusts produced during cutting, sanding or grinding of this product may cause irritation of the respiratory tract.

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

POTENTIAL HEALTH EFFECTS:

EYES: Dust from this product may cause slight irritation to the eyes including redness, blurred vision and tearing.

SKIN: Dust from this product may cause itching, rash and short- term irritation.

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

INHALATION:

Dusts from 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 may cause a chronic lung disease called silicosis. This disease is characterized by 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 extremely 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: Irritation, itching, coughing, wheezing.

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

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

CARCINOGENICITY:**General Product Information**

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 intrapleural administration.

Component Carcinogenicity

ACGIH, IARC, OSHA, and NTP carcinogen lists have been checked for those components with CAS registry numbers.

Iron oxide (1309-37-1)

ACGIH: A4 - Not Classifiable as a Human Carcinogen (dust and fume, as Fe)

IARC: Supplement 7, 1987; Monograph 1, 1972 (Group 3 (not classifiable))

Quartz (14808-60-7)

ACGIH: A2 - Suspected Human Carcinogen

NTP: Known Carcinogen (Select Carcinogen)

IARC: Monograph 68, 1997; (inhaled in the form of quartz or cristobalite from occupational sources) (Group 1 (carcinogenic to humans))

SECTION 7: HANDLING AND STORAGE

HANDLING PROCEDURES:

No special procedures are required for this material. Care should be taken to minimize the generation of dusts and avoid breathing dusts if they are produced. Contact with eyes and skin should be avoided.

STORAGE PROCEDURES: No special procedures are required for this material.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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).

VENTILATION: General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposures below occupational exposure limits.

RESPIRATORY PROTECTION: A properly fitted NIOSH approved dust respirator or equivalent should be used in any dust environment and/or when mechanically altering product (sawing, cutting, drilling or other similar dust generating process). Use respiratory protection in accordance with your company's respiratory protection program, local regulations and OSHA regulations under 29 CFR 1910.134.

EYE PROTECTION: Safety glasses with side shields should be worn. Dust goggles should be worn in excessively dusty conditions. (See ANSI Z87.1).

SKIN PROTECTION: Wear leather/ PVC or other appropriate work glove for type of operation.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear appropriate foot protection that complies with ANSI Z41 (latest edition).

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Cured concrete product of various shapes, sizes and colors.

ODOR: Not Applicable

PHYSICAL STATE: Solid

pH AS SUPPLIED: Not Applicable

pH (Other): Not Applicable

BOILING POINT: Not Applicable

MELTING POINT: Not Applicable

FREEZING POINT: Not Applicable

VAPOR PRESSURE (mmHg): Not Applicable

VAPOR DENSITY (AIR = 1): Not Applicable

SPECIFIC GRAVITY (H₂O = 1): Not Applicable

EVAPORATION RATE: Not Applicable

SOLUBILITY IN WATER: Not Applicable

PERCENT VOLATILE: Not Applicable

SECTION 10: STABILITY AND REACTIVITY

STABILITY: This is a stable material.

CONDITIONS TO AVOID: Avoid dispersion of dust in air.

INCOMPATIBILITY: None expected

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None Identified

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

- Dusts 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.

COMPONENT ANALYSIS - LD50/LC50

No LD50/LC50's are available for this product's components.

CARCINOGENICITY: See section 3 (Hazards Identification).

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Precast Stone Veneer scrap is classified as a non-hazardous solid waste disposal. Dispose of in accordance with existing federal, state and local environmental regulations.

RCRA HAZARD CLASS: Scrap Precast Stone Veneer as supplied do not meet any of the RCRA characteristics of hazardous waste (ignitable, corrosive, reactive or toxic), nor are they listed hazardous waste [40 CFR §261].

SECTION 13 NOTES: Dispose of packaging material by either recycling or at an appropriate landfill.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Not regulated for transport.
HAZARD CLASS: None
ID NUMBER: None
PACKING GROUP: None
LABEL STATEMENT: None

TDG Information

PROPER SHIPPING NAME: Not regulated for transport.
HAZARD CLASS: None
ID NUMBER: None
PACKING GROUP: None
LABEL STATEMENTS: None

SECTION 14 NOTES: No additional information available.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

General Product Information

No information available for the product.

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 HAZARD CATEGORIES:

Acute Health Hazard: Yes (If dusts are generated)
Chronic Health Hazard: Yes (If dusts are 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.

STATE REGULATIONS:

A: General Product Information: No additional information available.

B: Component Analysis- State: The following components appear on one or more of the following states hazardous substance lists:

Component	CAS#	CA	FL	MA	MN	NJ	PA
<u>Iron Oxide</u>	1309-37-1	Yes	Yes	Yes	Yes	Yes	Yes
<u>Quartz</u>	14808-60-7	Yes	Yes	Yes	Yes	Yes	Yes

Other Regulations- California

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).

Warning: This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

SECTION 16: OTHER INFORMATION

HMIS and NFPA Hazard Rating	Category	HMIS	NFPA
	Health	1*	1
	Flammability	0	0
	Reactivity	0	0

NFPA Unusual Hazards: None

HMIS Personal Protection: To be supplied by user depending upon use.

DISCLAIMER: Reasonable care has been taken in the preparation of this information. In addition, 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 damages resulting from its use.

Key/Legend:

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration, NFPA = National Fire Protection Association; HMIS = Hazardous Material Identification System; CERCLA = Comprehensive Environmental Response, Compensation and Liability Act; SARA = Superfund Amendments and Reauthorization Act; DSL = Canadian Domestic Substance List; EINECS = European Inventory of New and Existing Chemical Substances; WHMIS = Workplace Hazardous Materials Information System; CAA = Clean Air Act

Revision Summary: This is a revised MSDS which replaces all previous Material Safety Data Sheets for this product.

Obtain a copy of Coronado Stone Product MSDS sheet by calling (909) 357-8295 or sending a fax request to (909) 357-7362.

This is the end of MSDS # 001.