



1) Product and Company Identification

Product Name: Piedrafina Marble

Product Use: Stone Surfacing

Company: Piedrafina Surfaces

1747 E. Dr. Martin Luther King Jr. Blvd

Stockton, CA 95205

Emergency Phone Number: 888-852-5343

Revised: 09/21/2017

2) Composition/Information on Ingredients

Material	CAS Number	%
Calcium Carbonate Marble/Limestone	471-34-1	95-97%
Calcium Carbonate Dust	1317-65-3	
Polyester resin cured	92230-55-2	3-5%

3) Hazards Identification

Emergency Overview

Preparation is not classified as hazardous

Potential Health Effects

Recycled Marble products have no hazard as shipped. Operations of a saw, grinding, sanding drilling or and generating of dust, inhalation of such dust smoke may cause upper respiratory tract irritation. Symptoms may include sneezing, coughing, chest pain, or sore throat. Skin Contact with dust may produce transitory mechanical irritation. Symptoms may include redness and itching. High Concentrations of dust may cause irritation to the eyes causing redness, burning and tearing. This product is not expected to be toxic if ingested.

Overexposure to airborne crystalline silica can cause silicosis, a chronic and progressively debilitating disease, characterized by the formation of silica-containing scar tissue in the lungs. Symptoms of silicosis include coughing, difficulty breathing, wheezing and progressive impairment of lung function. In addition to silicosis, epidemiology studies show limited evidence of an excess of lung cancer in occupation involving exposures to crystalline silica, such as stonecutters and granite industry workers.



Carcinogenicity Information

Components are listed by IARC, NTP, OSHA or ACGIH as carcinogens.

<u>Material</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>	<u>ACGIH</u>
Calcium Carbonate	Not Listed	Not Listed	Yes	Yes

Calcium Carbonate may contain crystalline Silica at levels <1%. The product is inert in its natural state. Only when the product is worked is there the potential for the release of dust (nuisance dust).

4) First Aid Measures

Eye Contact: Flush immediately with copious amounts of water for a minimum of 15 minutes. Seek immediate medical attention.

Skin Contact: Wash affected area with soap and plenty of water. Seek medical attention if adverse effect occurs.

Inhalation: Remove person to fresh air. If breathing is difficult, or has stopped, administer artificial respiration (mouth-to-mouth) or oxygen as indicated. Call a physician.

Ingestion: Product in its marketed form is inert. If large amounts are swallowed, seek medical attention or advice.

5) Fire Fighting Measures

Auto ignition: Marble Surfaces Product

Fire spreading Rating: Not Applicable

Smoke Developed Rating: Not Applicable

Flash Point: Not Applicable

Flammable Limits in Air (% by Volume):

Extinguishing Media: Water, Dry Chemical, CO2 and Foam

Special Fire Fighting Procedures: Keep personnel away and upwind of fire. Use self-contained breathing apparatuses with full face mask.

Unusual Fire and Explosion Hazards: Decomposition products resulting from the polymer and pigments degrading at elevated temperatures include various hydrocarbons carbon dioxide, carbon monoxide and water. Fumes of metal oxides and mica particles could also be released.

6) Accidental Release Measures

Cleanup and Disposal of Spill: Solid slabs can simply be gathered and disposed of as necessary. If large amounts of dust or wastes are created by cutting process, vacuum or sweep up material



avoiding dust generation or dampen spilled material with water to avoid airborne dust. Wear suitable respiratory protection and protective clothing where necessary. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or local Waste Management Authority. Dispose of waste in accordance with local, state and federal regulation.

7) Handling and storage

Handling/Storage: Avoid breathing dust. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water. Good industrial hygiene practices should be followed when handling this material. Products is heavy and breakable; handle with care to avoid injury and prevent damage

8) Exposure Controls/ Personal Protection

Reference	Substance	Guideline or limit (mg/m3)
OSHA (29 CFR 1910.1000-Table Z-3)	Calcium Carbonate Marble, Calcium Carbonate dust, Polyester Resin Cured	(TLV) 15 mg/m3
ACGIH (2010)		(TLV) 10mg/m3
NIOSH		(TLV) 10mg/m3
Abbreviations: TWA = time-weighted average, ACGIH = American Conference of Governmental Industrial Hygienists Inc., OSHA = Occupational Safety and Health Administration, NIOSH = National Institute of Occupational Safety and Health.		

Engineered Controls: Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limits(s) outlined in the MSDA. General room ventilation is satisfactory under anticipated use conditions. Generally, machinery and tools involving the use of water are required

Personal Protective Equipment

Eye/Face Protection: If eye contact while using this product may be anticipated, wear appropriate safety glasses with side shields or chemical goggles as described by OSHA’s eye and face protection regulation in 29FR 1910.133

Respiratory Protection: Respiratory equipment approved y NIOSH/MSHA for protection against organic vapors and dust is necessary to avoid inhalation of excessive air contaminates. The appropriate respirator selection depends on the type and magnitude of exposure (refer to 29 CFR 1910.134 for appropriate NIOSH approved respirators and to the NIOSH Pocket Guide to Chemical Hazards, DHHS (NIOSH) Publication NO. 2001-145 for equipment selections) Use a positive pressure air supplied respirator if there is potential for an uncontrolled release, exposure levels are not known or under any other circumstances where air purifying respirators may not provide adequate protection.



Skin Protection: During cutting, grinding or sanding operations use body protection appropriate for task including work gloves if handling sharp or rough edges and steel-toed shoes if lifting product.

Prevention:

P260 – Do not breathe dust generated in the cutting grinding and polishing processes.

P264 – Wash face and hands thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P284 – Wear respiratory protection for particles (P3)

First Aid Measures

P314 – Get medical advice/attention if you feel unwell.

P501 Dispose of remains in accordance with local regulation

R20 – Harmful by inhalation

R48 – Danger of serious damage to health by prolonged exposure.

Hygiene

S22 – Do not breathe the dust

S38 – Use personal protective equipment P3

Classification according to directive 1999/45/EC

9) Physical and Chemical Properties

Physical Appearance:	Multi-colored engineered stone
Odor:	Odorless
Specific Gravity:	68° F (20°C)
Water Solubility:	Insoluble
Flash Point:	NA
Melting Point:	NA
Boiling Point:	NA
Vapor Pressure:	NA



% Volatiles: NA

Viscosity: NA

10) Stability and Reactivity

Chemical Stability: Stable at normal temperatures and storage conditions.

Incompatibility with other Materials: This product is incompatible with hydrofluoric acid, Trichloroethane or Methylene and other Low pH liquids.

Hazardous Decomposition Products: Thermal decomposition can release various hydrocarbons, carbon dioxide, carbon monoxide and water. Fumes of metal oxides and mica particles could also be released.

11) Toxicological Information

Acute Effects

Calcium Carbonate:

Inhalation (human) LCLo: 0.3mg/m³/10Y

Inhalation (human) TCLo: 16mppcf/8H/17,9Y

Intermittent; focal fibrosis, (pneumoconiosis), cough, dyspnea.

Inhalation (rat) TCLo: 50mg/m³/6H/71W

Intermittent; Liver – tumors

Oral LD50 Rat: 500 mg/kg

Chronic Effects

Asthma symptoms, chronic bronchitis, nasal inflammation and impairment of lung function

Calcium Carbonate: (Marble Dust)

Asthma symptoms, chronic bronchitis, nasal inflammation and impairment of lung function

Aggravation of Pre-existing Conditions: Inhalation may increase the progression of tuberculosis; susceptibility is apparently not increased. Persons with impaired respiratory function may be more susceptible to the effect of this substance. Smoking can increase the risk of lung injury

Mutagenicity: No Data

Reproductive Effects: No Data

Developmental Effects: No Data



12) Ecological Information

Toxicity is expected to be low based on insolubility in water.

Environmental Fate: ND

Environmental Toxicity: ND

Greenguard Certification: Piedrafina Surfaces is compliant with GREENGUARD standard.

Environmental Fate: No information found

Environmental Toxicity: No information found

13) Disposal Considerations

Waste Disposal Method: Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) Landfill.

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing use of contamination of this product may change the waste management options. State the local disposal regulations may differ from federal disposal regulations. Dispose of in accordance with federal, state and local requirements.

14) Transportation Information

ADR/RID/IMO/ICAO/US DOT	Proper Shipping Name	Not Regulated
	Hazard Class	Not Regulated
	ID Number	Not Regulated
	Packaging Group	Not Regulated
	Shipping Class	Class 60

15) Regulatory Information

U.S. Federal Regulations:

SARA Title III Hazard Classes:

Fire Hazard: NO

Reactive Hazard: NO

Release of Pressure: NO

Acute Health Hazard: NO

Chronic Health Hazard: NO

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA Inventory requirements



U.S. State Regulations: California Prop 65 List: Crystalline Silica is classified as a substance known to the state of California to be a carcinogen.

Symbol: None
Risk Phrases: None
Safety Phrases: None

16) Other Information

National Fire Protection Association NPA® and hazardous Materials Identifications System (HMIS) Hazard Ratings:

Health Hazard: 1
Flammability: 0
Reactivity: 0

Key Legend Information:

NA – Not Applicable	ND – Not Determined
ACGIH – American Conference of Governmental Industrial Hygienist	OSAH – Occupational Safety and Health Administration
IARC – International Agency for research on Cancer	IDLH – Immediately Dangerous to Life and Health
PEL – Permissible Exposure Limit	TWA – Time Weighted Average
STEL – Short Term Exposure Limit	NTP – National Toxicology Program
TLV – Threshold Limit Value	

The information given in this Safety Data Sheet is believed to be accurate as of the date issued. All information and recommendations in this document are made in good faith. User is responsible for determining the accuracy of the information herein. User is responsible for determining whether the product is suitable for user's method of application. Nothing expressed in this document can be interpreted as a warranty expressed or implied.