

# Archatrak MSDS | Porcelain Pavers

## Section 1

Product  
Company

Website  
Hours 8.30am-5.30pm Mon-Fri MST  
Recommended Use

## Product & Company Identification

Porcelain Pavers  
Archatrak Inc.  
1288 N 14th Ave. Unit 105  
Bozeman MT 59715  
www.archatrak.com  
+1 866 206 8316  
Paving for architectural and hardscape applications.

## Section 2

Classification

Signal Word

Pictogram

Hazard Statement

Precautionary Statements

Hazards Not Otherwise Classified

## Hazard (s) Identification

In accordance with 29 C.F.R. & 1910.1200, this product is an “article” and therefore not subject to the HCS 2012 SDS and labeling requirements. The information presented is for potential end use grinding, sanding, cutting, or other mechanical work of this product.

Warning

None

May form combustible dust concentrations in air when cutting or machining.

None

Odorless solid. Non-flammable. Porcelain pavers themselves pose no health hazards, however the grinding, drilling, cutting or other mechanical working of this product may generate dust containing crystal silica. Inhalation of this type of dust is hazardous and should be avoided.

## Section 3

## Composition / Information on Ingredients

CHEMICAL COMPONENT	CAS NUMBER	PERCENT
Crystalline Silica as Quartz	14808-60-7	10%-255%

Porcelain pavers are manufactured from a mixture of predominantly clay and other naturally occurring mineral substances. Also present are small amounts of organic and inorganic materials which have no known effects on the hazards associated with the use of this product.

## Section 4

Routes of Entry

Signs & Symptoms of Exposure

Emergency & First Aid Procedures

## First Aid Measures

Inhalation, and ingestion of dust

Dust from cutting or machining may cause respiratory tract irritation of the nose and/or throat if exposed to any large amount of airborne dust.

For eyes, use a sterile solution and flood the eye area. If breathing is difficult, remove subject to a location with fresh air and keep in a position comfortable for breathing. If any signs or symptoms of nose irritation persist, contact a physician.

## Section 5

Extinguishing Media

Special Firefighting Procedures

## Fire Fighting Measures

Not combustible. Not applicable.

No risks.

**Section 6**

**Accidental Release Measures**

Personal precautions, protective equipment, and emergency procedures:

If a large amount of dust has been generated, eye protection and appropriate respirator protection should be used to protect cleanup personnel against dust. Avoid dispersal of dust in the air (i.e. clearing dust surfaces with compressed air).

Methods and materials for containment and cleaning up

Use wet suppression methods, if appropriate, to reduce the generation of dust.

**Section 7**

**Handling and Storage**

Handling

There are no specific precautions for storing or handling the product in its original condition.

Fabrication of Product

Minimize dust generation and accumulation. Wear an approved particulate respirator and tight fitting goggles when cutting or grinding and ensure adequate ventilation is maintained when working in a confined area.

Storage

No special storage conditions exist.

**Section 8**

**Exposure Controls / Personal Protection**

Respiratory Protection

Wear a NIOSH-MSMA approved dust mask for protection against airborne particulates when cutting or machining.

Protective Gloves

Wear cloth gloves when handling product to prevent cuts, scratches, or abrasions.

Eye Protection

Wear protective eyewear with side shield or ventilated goggles when cutting or grinding product.

Other Protective Equipment

Long sleeve shirts with closed collars and long pants are advised.

Ventilation

When cutting or machining tiles, make sure that airborne particulates are allowed to ventilate.

**Section 9**

**Physical and Chemical Properties**

**PROPERTY:**

**MEASUREMENT:**

Appearance:

- Physical State
- Color

Solid Article  
Various Colors

Odor

Low to none

Odor Threshold

N/A

pH

N/A

Melting Point/Freezing Point

N/A

Initial Boiling Point

N/A

Flash Point

N/A

Evaporation Rate

N/A

Flammability

N/A

Upper/Lower Flammability Limits

N/A

Vapor Pressure

N/A

Vapor Density

N/A

Relative Density

66 to 75 lbs. per cubic ft.

Solubility

Not applicable

Partition Coefficient:

- n-octanol/water

Not applicable

Auto-Ignition Temperature

Not applicable

Decomposition Temperature

Not applicable

Viscosity

Not applicable

**Section 10**

Stability  
 Conditions to Avoid  
 Incompatibility  
 Hazardous Decomposition or Byproducts  
 Hazardous Polymerization

**Stability and Reactivity Data**

Stable  
 Avoid contact with oxidizing agents, oils & open flames.  
 Not applicable  
 No dangerous decomposition products known.  
 Will not occur

**Section 11**

Routes of Exposure:

- Inhalation
- Eye
- Skin
- Ingestion

Delayed and Immediate Effects

Acute Toxicity

Carcinogenicity Status:

- National Toxicology Program (NTP)
- International Agency for Research on Cancer (IARC)
- OSHA

**Toxicological Information**

Nuisance dust from machining can cause irritation. Exposure to high concentrations of crystalline silica may lead to lung damage or illnesses, such as silicosis.  
 Nuisance dust from machining can cause irritation.  
 Nuisance dust from machining can cause irritation.  
 N/A  
 N/A  
 N/A  
 N/A  
 N/A

**Section 12**

Eco toxicity  
 Persistence and Degradability  
 Bio Accumulative Potential  
 Mobility in Soil

**Ecological Information**

No data  
 No data  
 No data  
 No data

**Section 13**

Waste Disposal Method

**Disposal Considerations**

Control and collect any dust generated to prevent dispersal.  
 Dispose in accordance with all federal, state, and local regulations.  
 Generally, the dust is not considered a hazardous waste.

**Section 14**

Shipping Name  
 Shipping Symbols  
 Hazard Class  
 ID No  
 Packing Group  
 Label  
 Special Provisions

**Transport Information**

Not regulated  
 N/A  
 Not hazardous  
 N/A  
 Not determined  
 Not required  
 None

**Section 15**

Environmental Regulations

- RCRA
- CERCLA
- SARA 311/312 Codes
- SARA 313

**Regulatory Information**

Not listed  
 Not listed  
 None  
 This product does not contain any chemical ingredients that exceed the threshold reporting levels established by SARA Title III, section 313 and 40 CFR section 372.

**Section 16**

Refer to NFPA 654

HMIS

Issue Date

**Other Information**

Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

Health = 0

Fire = 1

Reactivity = 0

3rd April 2024

We believe that the above information is valid and reliable. The information, however, is provided without any representation of warranty, expressed or implied, regarding the accuracy of correctness. The conditions of methods of handling, storage, use, cutting, grinding, disposal, or other use of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use, cutting, grinding, disposal, or any other use of this product.

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