

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.
1001 W Oak St Ste 101
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

Personal precautions, protective equipment, and emergency procedures:

Methods and materials for containment and cleaning up

Accidental Release Measures

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).

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

Section 7

Handling

Fabrication of Product

Storage

Handling and Storage

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

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.

No special storage conditions exist.

Section 8

Respiratory Protection

Protective Gloves

Eye Protection

Other Protective Equipment

Ventilation

Exposure Controls / Personal Protection

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

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

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

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

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

Odor

Odor Threshold

pH

Melting Point/Freezing Point

Initial Boiling Point

Flash Point

Evaporation Rate

Flammability

Upper/Lower Flammability Limits

Vapor Pressure

Vapor Density

Relative Density

Solubility

Partition Coefficient:

- n-octanol/water

Auto-Ignition Temperature

Decomposition Temperature

Viscosity

Solid Article

Various Colors

Low to none

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

66 to 75 lbs. per cubic ft.

Not applicable

Not applicable

Not applicable

Not applicable

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

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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