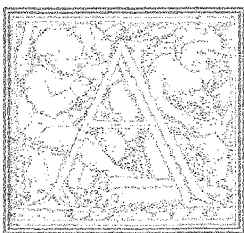


MATERIAL SAFETY DATA SHEET



ArcusStone Products, Inc.

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Date: 3-1-01

HMIS

Health	1
Flamability	0
Reactivity	0
Personal Protection	X

SECTION 1. MATERIAL NAME

Product Name: Arcus Stone

Hazard Summary (as defined by OSHA Hazard Communication Standard, 29 CFR 1910, 1200)

Physical Hazards: None

Health Hazards: Classified as a nuisance dust by OSHA, MSHA and ACGIH. Exposure can affect the skin, the eyes and mucous membranes.

Read the entire MSDS for a more thorough evaluation of the hazards.

SECTION 2. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV 3 MG / M</u>	<u>Other Limits Recommended</u>
	65997-15-1	5	5	
	14808-60-7	0.1	0.1	
Natural sand, gravel or dolomite		5	5	

NIOSH has recommended that the permissible exposure limit be changed to 50 micrograms respirable free silica per cubic meter of air (50 mg / M) averaged over a work shift of up to 10 hours per day, 40 hours per week. The NIOSH Criteria Document for Crystalline Silica should be consulted for more detailed information.

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

gt = greater than, lt = less than, ca= approximately, NR = not required, NE = not established, C=Ceiling

SECTION 3. PHYSICAL DATA

Solubility in water: Slight

Characteristics: Colored with no odor

The following properties are not applicable: Specific Gravity, Boiling Point, Vapor Pressure, Vapor Density, Melting Point, Evaporation Rate.

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

Non-combustible and not explosive

SECTION 5. REACTIVITY DATA

Stability: Stable

Incompatibility : It is compatible with most other materials, however, there is silica present within this product. Silica will dissolve in hydrofluoric acid and produce a corrosive gas-silica tetrafluoride. Contact with powerful oxidizing agents such as fluorine, chlorine trifluoride, manganese trioxide and oxygen difluoride may cause fires.

Keep dry until used to preserve product utility.

SECTION 6. HEALTH HAZARD ASSESSMENT

General: Classified as a nuisance dust by OSHA, MSHA and ACGIH. Exposure can affect the skin, the eyes and mucous membranes. The product contains silica particles that may be broken down to the respirable size range during shipping, handling, or use, and thus may be inhaled. The International Agency for Research on Cancer (IARC) has evaluated in Volume 42, Monographs of the Evaluation of the Carcinogenicity Risk of Chemicals to Humans, Silica and Some Silicates (1987), that there is "sufficient evidence for the carcinogenicity of crystalline silica to experimental animals" and "limited evidence" with respect to humans.

Route(s) of Entry: Inhalation: Yes
 Skin: Yes
 Ingestion: Yes

Acute Exposure: Can dry the skin and cause alkali burns. Dust can irritate the eyes and upper respiratory system. Toxic effects noted in animals include, for acute exposures, alveolar damage with pulmonary edema.

Chronic Exposure: Dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea. Hypersensitive individuals may develop an allergic dermatitis. Excessive inhalation of silica dust may result in respiratory disease, including silicosis, pneumoconiosis, pulmonary fibrosis and possibly cancer.

Carcinogenicity: NTP: No
 OSHA Regulated: Not as a carcinogen
 IARC Monographs: Yes

Signs and Symptoms of Exposure: Symptoms of excessive exposure include shortness of breath and reduced pulmonary function. This inert material gives no potential acute toxic hazard.

Medical Conditions Generally Aggravated by Exposure: Individuals with sensitive skin and with pulmonary and / or respiratory disease, including, but not limited to, asthma and bronchitis, or subject to eye irritation, should be precluded from exposure.

Emergency First Aid Procedures:

Skin: Wash contaminated areas thoroughly with soap and water. If irritation persists or develops contact a physician. Wash clothing and decontaminate footwear before reuse.

Eyes: Rinse / Flood eyes with clean water immediately and repeatedly for at least 15 minutes. Contact physician if irritation persists.

Ingestion: Consult a physician.

For Gross Inhalation: Immediately move subject to fresh air, give artificial respiration as needed. Get prompt medical attention.

SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Ventilate area.

Use dust control methods (vacuum) and place into covered container for disposal or use if not contaminated or wet.

Waste disposal method: Can be treated as a common waste for disposal in accordance with local, state and federal regulations.

SECTION 8. SPECIAL PROTECTION INFORMATION

TLV or Suggested Control Value: No TLV assigned to this mixture. Minimize exposure in accordance with good hygiene practice. Following work, workers should shower with soap and water. Precautions must be observed because burns occur with little warning -- little heat is sensed.

Ventilation: Use only with adequate ventilation. You can provide local exhaust to control airborne dust levels to minimize exposure.

Respiratory Protection : Not normally required if good ventilation is maintained. Use of an appropriate OSHA, MSHA or NIOSH approved respirator in dusty environments is recommended.

Protective Clothing: The use of barrier creams or impervious gloves, long trousers, long-sleeved shirt and appropriate footwear recommended to avoid prolonged skin contact.

Eye Protection: Chemical tight splash goggles to avoid eye contact. (ANSI Z-87, 1 or approved equivalent) is recommended.

Other Protective Equipment: Provide means of rinsing eyes (eyewash station) in case of emergency. Provide source of water for washing skin.

SECTION 9 SPECIAL PRECAUTIONS

None

SECTION 10. MISCELLANEOUS INFORMATION

The information herein is given in good faith but no warranty, expressed or implied, is made. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products. Customers-users must comply with all applicable health and safety laws, regulations and orders covering silica.

