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112-0500

112-0505

112-0530 Thru 112-0554

MATERIAL SAFETY DATA SHEET  
(MSDS)

SECTION I - MANUFACTURER'S INFORMATION

EMERGENCY PHONE NO.  
(508) - 692-9300 (day)

Trade Name: Scenic Sand

Chemical Name: N/A

Manufacturer's Name: Activa Products (508) 692-9300

Address: P.O. Box 472 Westford MA 01996

SECTION II - INGREDIENTS INFORMATION

|   | %    | TLV                    |
|---|------|------------------------|
| The finished product is acrylic coated particles of sand and consists of: |      |                        |
| Crystalline quartz  | > 99 | 0.1mg/m <sup>3</sup> * |
| Pigment in dried acrylic base   | < 1  | 10mg/m <sup>3</sup> ** |

\* The American Conference of Governmental Industrial Hygienists has established a time weighted threshold limit value of 0.1 mg/m<sup>3</sup> for respirable crystalline quartz dust. This is the concentration considered to be safe for 40 hr/week worker respiratory exposure. The National Institute of Occupational Safety and Health has recommended a permissible exposure limit of 0.05 mg/m<sup>3</sup> for a 40 hour work week.

\*\* Acrylic resins are inert and essentially non toxic and threshold limit values for the pigments have not been set. For the purposes of this MSDS the TLV for nuisance dusts has been applied.

SECTION III - PHYSICAL DATA

|                 |                |                   |    |
|-----------------|----------------|-------------------|----|
| Boiling Point:  | Approx 4,000°F | Specific Gravity: | >2 |
|                 |                | Water = 1.0       |    |
| Vapor Pressure: | N/A            | Melting point:    |    |

approx 3,000°F

Evaporation rate: N/A

Solubility in Water: Insoluble in water

Appearance and Color: Odorless, granular, colored sand.

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#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

There is neither a fire nor explosion hazard associated with Scenic Sand.

#### SECTION V - REACTIVITY DATA

##### Stability:

Scenic Sand is stable under all anticipated conditions of use.

##### Incompatibilities (Materials to avoid):

Crystalline quartz will dissolve in hydrofluoric acid and produce a corrosive gas (silicon tetrafluoride). Contact with powerful oxidizing agents, fluorine, chlorine, trifluoride, manganese trioxide and oxygen difluoride may cause fires.

#### SECTION VI - HEALTH HAZARD INFORMATION

Route(s) of entry: Inhalation - Yes Skin - No Ingestion - No

##### Health Hazards:

Excessive inhalation of crystalline quartz dust may result in chronic respiratory disease including, silicosis, pneumoconiosis and pulmonary fibrosis. Skin and/or eye contact with the sand or dust may cause irritation.

The International Agency for Research on Cancer has determined that crystalline quartz is a category 2A carcinogen with sufficient evidence of carcinogenicity in laboratory animals and limited evidence of carcinogenicity in humans (IARC Monographs v42, pg 39-143, 1987). The National Toxicology Program has not shown crystalline quartz to be a carcinogen and the Occupational Safety and Health Administration does not regulate it as a carcinogen.

##### Signs and Symptoms of Excessive Respiratory Exposure:

Symptoms of excessive exposure include shortness of breath and reduced pulmonary function.

##### Medical Conditions That May Be Aggravated By Exposure:

Individuals with pulmonary/respiratory disease, including but not limited to asthma, bronchitis and emphysema should avoid inhaling quartz dust.

##### Emergency and First Aid Measures:

Eye contamination-Flush with running water.

Gross Inhalation-Move victim to fresh air, clear respiratory passage and provide artificial respiration if necessary.

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#### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

##### Steps to be taken if material is spilled:

Collect and place in a dry container for reuse or disposal.  
Avoid generation of excessive dust.

##### Waste disposal:

Dispose of as an inert, non-metallic mineral in compliance with Federal, State and local laws.

##### Precautions to Be Taken in Handling and Storing:

Avoid creation of excessive respirable dust.

#### SECTION VIII - PERSONAL PROTECTION INFORMATION

##### Respiratory Protection:

Respiratory protection is not required under normal conditions of use. If used in applications which generate excessive dust, use a NIOSH approved dust/mist respirator.

##### Eyewear:

If potential for eye contact exists goggles are recommended.

##### Clothing/Gloves:

Special clothing or gloves are not required under normal conditions of use.

##### Ventilation:

Normal room ventilation is sufficient under usual conditions of use.

##### Work/Hygienic Practices:

Use adequate procedures to avoid dust accumulation in the work area. Clean clothing and equipment that have become dusty.