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**SAFETY DATA SHEET**

**Section 1: Identification**

**Product Name:** Concrete Masonry Pavers (Pigmented and Non-Pigmented)

**Manufacture Address:** Genest Concrete Works Inc., P.O. Box 151, 36 Wilson Street, Sanford ME 04073

**Manufacturer Phone:** (207)324-3250

**Manufacturer Fax:** (207) 490-5076

**Recommended Product Use:** Building construction, landscaping or hardscaping

**Date of SDS:** 15 June 2015

**Section 2: Hazard Identification**

**Hazard Classification:** Solid, Non-Flammable, Carcinogen



**Signal Word:** DANGER

**Hazard Statement:** Dust from dry cutting or grindingmay

cause skin, eye and/or respiratory tract irritation. Long-term

exposure to dust with crystalline silica has been linked to silicosis

of the lungs and is a known carcinogen.

**Precautionary Statement:** Limit inhalation exposure when dry cutting or grinding. Wearing of gloves, safety glasses or goggles and dust mask/respirator is recommended when dry cutting and/or grinding. Avoid breathing dust with crystalline silica. Inhalation of dust may aggravate pre-existing lung disease conditions such as emphysema and asthma.

**Section 3: Chemical Composition/Ingredients**

**Chemical Name CAS No.**

Portland & Masonry Cement 65997-15-1

Sand

Stone

Water 7732-18-5

Crystalline Silicate (quartz) 14808-60-7

**Other Possible Ingredients Include:**

Slag, Ground Granulated Blast Furnace Slag (GGBFS) Various

Admix (Plasticizing Agent) Various

Admix (Water Inhibitor) Various

Color Pigmentation Various

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**Section 4: First-Aid Measures**

**Symptoms of Exposure:** Irritation to the skin, eyes, nose or respiratory tract. Shortness of breath and difficulties breathing.

**First Aid for Contact with the Skin:** Vacuum or wash dust off clothing and skin. Wash dust off exposed skin as soon as possible with soap and water. If irritation persist or rash appears contact your physician.

**First Aid for Contact with the Eyes:** Flush eyes generously with water for 15 minutes. If irritation persist contact your physician.

**First Aid for Inhalation:** Avoid breathing airborne dust. If you experience shortness of breath or difficulties breathing stop work immediately and seek fresh air. Contact your physician before continuing similar work.

**Section 5: Fire-Fighting Measures**

**Flammability Rating:** Non-Flammable

**Special Fire Fighting Instructions or Precautions:** None

**Section 6: Accidental Release Measures**

**Emergency Release Measures or Precautions:** None

**Clean-up Procedures or Precautions:** Avoid breathing airborne dust from concrete masonry pavers. Avoid sweeping dust… use vacuum with HEPA filter or use a wet clean-up process.

**Section 7: Handling and Storage**

**Precautions for Safe Handling:** None P**recautions for Safe Storage:** None

**Section 8: Exposure Controls/Personal Protection**

**Exposure Limits: OSHA PEL ACGIH-TLV NIOSH**

Crystalline Silica 10mg/m3 0.025mg/m3 0.05mg/m3

**PPE Considerations and/or Recommendations:** Avoid breathing airborne dust. Respiratory protection required. Wear dust mask or approved particulate respirator when dry-cutting, sawing or grinding concrete masonry pavers.

**Recommended Engineering Controls:** Use wet cutting, sawing or grinding process or use local exhaust ventilation when dry cutting, sawing or grinding concrete masonry pavers.

**Section 9: Physical and Chemical Properties**

**Appearance:** Solid **Flammability Exposure Limits:** N/A

**Odor:** Odorless **Vapor Pressure:** N/A

**Odor Threshold:** N/A **Vapor Density:** N/A

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**pH:** N/A **Relative Density:** N/A

**Melting Point:** N/A **Boiling Point:** N/A

**Flash Point:** N/A **Evaporation Rate:** N/A

**Flammability:** N/A **Explosive Limits:** N/A

**Vapor Pressure:** N/A **Vapor Density:** N/A

**Relative Density:** N/A **Solubility:** Non-Soluble

**Partition Coefficient:** N/A **Auto-Ignition Temp.:** N/A

**Decomposition Temp.:** N/A **Viscosity:** N/A

**Section 10: Stability and reactivity**

**Reactivity:** Non-Reactive

**Stability:** Stable

**Other:** N/A

**Section11: Toxicology Information**

**Routes of Exposure:** Inhalation

**Effects:**

**Acute Effects of Exposure:** short term exposure to dust may irritate the respiratory tract and aggravate pre-existing lung disease conditions such as emphysema and asthma.

**Chronic Effects of Exposure:** Long-term exposure to dust for prolonged periods of time could result in silicosis of the lungs.

**Symptoms Include:** Shortness of breath and difficulties breathing

**Known Carcinogen:** Yes - The International Agency for Research on Cancer (IARC) Working Group has designated respirable crystalline silica as a carcinogen (group 1) and the National Toxicologicol Program (NTP’s) Report on Carcinogens, 9th edition, lists it as a “known carcinogen.” The American Conference on Governmental Indisutrial Hygienists (ACGIH) also listed respirable crystalline silica (quartz) as a suspected human carcinogen (A-2).

**Section 12: Ecological Information**

**Adverse Effects on the Environment:** None Known

**Adverse Effects on Groundwater:** None Known

**Section 13: Disposal Considerations**

**Disposal Method:** Dispose of as common waste in a sealed plastic bag or container to avoid the spread of dust particles.

**Disposal Concerns:** Accumulated dust should be picked-up with a vacuum with a HEPA filter. Avoid sweeping accumulated dust from concrete masonry pavers.

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**Disposal Containers:** Disposal containers should have a tight fitting lids or tight seals when disposing of dust.

**Section 14: Transport Information**

No Applicable Information Known

**Section 15: Regulatory Information**

No Applicable Information Known

**Section 16: Other Information**

No Applicable Information Known

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