

Material Safety Data Sheet – Arriscraft Cast Stone

**Section I- Hazardous Ingredients**

Free Silica – SiO<sub>2</sub>: Released from product only upon dust-producing finishing operations.  
CAS#: 14808-60-7 (Quartz)  
Portland Cement – CAS#: 65997-15-1

**Section II- Preparation Information**

Prepared by **Arriscraft International** , phone **519-653-3275**, on Icpwtc{ "4."42360

**Section III- Product Information**

Product:	Cast Stone	Manufacturer: <b>Arriscraft International Inc</b>
Use:	Building Stone	6054 Zenith Mill Road Arriscraft Lane Fort Valley, GA 31030

Emergency Telephone Number: 519-653-3275 or 478-827-1896

**Section IV- Physical Data**

Physical State: <b>Solid</b>	Appearance & Odour: <b>Sandstone, No odour</b>	Odour Threshold: <b>N.A.</b>
Specific Gravity: ?	Co-efficient of Water/Oil Distribution: <b>N.A.</b>	Vapour Pressure: <b>N.A.</b>
Boiling Point: <b>N.A.</b>	Freezing Point: <b>N.A.</b> pH: <b>N.A.</b>	Vapour Density: <b>N.A.</b>
Evaporation Rate: <b>N.A.</b>	Percent Volatile: <b>N.A.</b>	

**Section V- Fire Explosion Hazard**

Conditions of Flammability: <b>Non-flammable</b>	Means of Extinction: <b>N.A.</b>
<b>Explosion Data</b>	
Sensitivity to Mechanical Impact: <b>N.A.</b>	Sensitivity to Static Discharge: <b>N.A.</b>
Flashpoint: <b>N.A.</b>	Upper Flammable Limit %: <b>N.A.</b>
	Lower Flammable Limit %: <b>N.A.</b>
Autoignition Temperature: <b>N.A.</b>	Hazardous Combustion Products: <b>N.A.</b>

**Section VI- Reactivity Data**

Stability: <b>Stable</b>	Incompatible Materials: <b>None</b>
Conditions of Reactivity: <b>N.A.</b>	Hazardous Decomposition Products: <b>None</b>

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**Section VII- Toxicological Properties**

**Route of Entry**

Skin Contact: **N.A.**

Skin Absorption: **N.A.**

Eye Contact: **N.A.**

Inhalation: **Dust (silica) may be generated during shaping operations.**

Ingestion: **N.A.**

Effects of Acute Exposure to Product: **Minor irritation of the eye or nose**

Effects of Chronic Exposure to Product: **Long term exposure to respirable, crystalline, silica generated in small amounts during shaping operations (sawing, sanding) may lead to silicosis. The International Agency for Research on Cancer (IARC) has evaluated in Volume 68, Monographs on the Evaluation of the Carcinogenicity Risk of Chemicals to Humans, Silica (1997), crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group I).**

Exposure Limits: **TWAE respirable, Crystalline silica: 0.10mg/m3**

**TWAE respirable, Portland Cement: 10 mg/m3**

Irritancy to Product: **N.A.**

Synergistic Products: **N.A.**

Sensitivity to Product: **N.A.**

Evidence of Carcinogenicity, Reproductive Toxicity, Teratogenicity or Mutagenicity?: **IARC Monographs, Group I**

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**Section VIII- Preventative Measures**

**Personal Protective Equipment**

Gloves: **To protect from bruises and scrapes**

Respiratory: **Approved dust mask is required for some finishing operations such as sawing or sanding where dust is created.**

Eye: **Safety glasses or goggles when splitting or chipping**

Footwear: **Steel toed footwear recommended**

Engineering Controls: **Use a wet sawing operation, if possible. Ensure adequate ventilation during any finishing operations.**

Waste Disposal: **Landfill**

Handling Procedures and Equipment: **Heavy material- proper lifting methods or equipment**

Storage Requirements: **No special requirements**

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**Section IX- First Aid Measures**

Inhalation: **N.A.**

Ingestion: **N.A.**

Eye Contact: **N.A.**

Skin Contact: **N.A.**

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