



ARRISCRAFT™
I N T E R N A T I O N A L
BUILDING STONE • BRICK • LIMESTONE

Material Safety Data Sheet – Arriscraft Caststone

Section I- Hazardous Ingredients

Free Silica – SiO₂: 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 May 28, 2010.

Section III- Product Information

Product: Cast Stone

Use: Building Stone

Manufacturer: **Arriscraft International Inc**

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: **Solid**

Specific Gravity: ?

Boiling Point: **N.A.**

Evaporation Rate: **N.A.**

Appearance & Odour: **Sandstone, No odour**

Co-efficient of Water/Oil Distribution: **N.A.**

Freezing Point: **N.A.** pH: **N.A.**

Percent Volatile: **N.A.**

Odour Threshold: **N.A.**

Vapour Pressure: **N.A.**

Vapour Density: **N.A.**

Section V- Fire Explosion Hazard

Conditions of Flammability: **Non-flammable**
Explosion Data

Sensitivity to Mechanical Impact: **N.A.**

Flashpoint: **N.A.**

Autoignition Temperature: **N.A.**

Means of Extinction: **N.A.**

Sensitivity to Static Discharge: **N.A.**

Upper Flammable Limit %: **N.A.**

Lower Flammable Limit %: **N.A.**

Hazardous Combustion Products: **N.A.**

Section VI- Reactivity Data

Stability: **Stable**

Conditions of Reactivity: **N.A.**

Incompatible Materials: **None**

Hazardous Decomposition Products: **None**

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**

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**

Section IX- First Aid Measures

Inhalation: **N.A.**

Ingestion: **N.A.**

Eye Contact: **N.A.**

Skin Contact: **N.A.**
