

SECTION 1 - IDENTIFICATION**COMPANY ADDRESS:**

The Virtual Foundry, Inc
211 S Water St
Stoughton, WI 53589
USA

PRODUCT NAME: Magic Black Powder

PRODUCT USE: Sintering Refractory Ballast

SECTION 2 - HAZARDS IDENTIFICATION SUMMARY

Health: 1 Flammability: 0 Reactivity: 0

SECTION 3 - COMPOSITION, INFORMATION OF INGREDIENTS**Component:**

Calcium Sulfate: Harmful if swallowed. May cause irritation. Avoid breathing dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Carbon: Food Grade

SECTION 4 - FIRST AID MEASURES**SECTION 5 - FIRE FIGHTING MEASURES**

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Harmful if swallowed. May cause irritation. Avoid breathing dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID:

SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

Fire / Explosion Hazards: None Known.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Calcium Sulfate, Food Grade Carbon

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

SECTION 7 - HANDLING AND STORAGE

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection: NIOSH approved dust mask Ventilation

Local Exhaust Mechanical Protective Gloves: Wear appropriate gloves to prevent skin exposure

Eye Protection: Safety Glasses w/Side Shields

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	1450° C
Percent Volatile by Volume:	N/A
Boiling Point:	Decomposes
Evaporation Rate:	N/A
Vapor Pressure:	Information evaporation Standard not available
Vapor Density:	Information not available
Auto Ignition Temp:	Not applicable
Solubility in Water:	Soluble
Appearance /Odors:	Grey powder, no odor
Upper Flamm. Limit in Air:	Not applicable
Flash Point:	N/A
Specific Gravity:	2.68

SECTION 10 - STABILITY AND REACTIVITY

Stability:

Stable Conditions to Avoid: None known

Materials to Avoid: Phosphorus, aluminum, diazomethane

Hazardous polymerization: Will Not Occur

Conditions to Avoid: None known

SECTION 11 - TOXICOLOGICAL INFORMATION

DOT Classification: Calcium Sulfate, Carbon

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: 100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

PERSISTENCE AND DEGRADABILITY: No information available

BIOACCUMULATION: No information available

OTHER ADVERSE EFFECTS: No information available

SECTION 13 - DISPOSAL CONSIDERATIONS

Not Applicable

SECTION 14 - TRANSPORT INFORMATION

Not Applicable

SECTION 15 - REGULATORY INFORMATION

Not Applicable

SECTION 16 - OTHER INFORMATION

Effects of overexposure:

Acute and Chronic: Causes irritation to eyes and skin. If ingested, may cause obstruction.

Conditions aggravated: Persons with preexisting eye, skin or respiratory conditions may be more susceptible.

Target organs: Eyes, skin, digestive tract.

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REVISED DATE: August, 2019