

## **SAFETY DATA SHEET**

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### **SECTION I – PRODUCT AND COMPANY IDENTIFICATION**

VIVITONE CORPORATION: 320 Pleasant St., Woodstock, IL. 60098: 773-580-1487

Product Name: **Mineral Blue, Code# VB-001**

Product Description: 1515 Blue Concrete Pigment

Product Use: As an acid and alkali stable, non heavy metal blue, for coloring stucco, plasters, mortars and various thermo plastic and thermo set polymers found in coatings, plastics and composites.

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### **SECTION II – HAZARDS IDENTIFICATION**

Primary routes of exposure: Inhalation, Ingestion, Eye and skin contact

Inhalation: May cause irritation of the respiratory tract. Prolonged or repeated exposure causes lung damage.

Ingestion: No adverse health effects are expected from swallowing.

Eye contact: Direct contact with eyes can cause slight irritation or inflammation.

Skin contact: May cause skin irritation.

*\*See Section XV for regulatory status.*

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### **SECTION III – PRODUCT COMPOSITION**

Chemical Name	CAS #	% by weight
Natural Clay (Fuller's Earth)	8031-18-3	75-88%
Proprietary Pigment	Trade Secret	12-25%

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#### **SECTION IV – FIRST AID MEASURES**

Inhalation: Move person to fresh air

Eye contact: Flush affected eye with water generously for 10 minutes

Skin contact: Wash affected skin with soap and water

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#### **SECTION V – FIRE FIGHTING MEASURES**

Flash point: Non combustible

Auto ignition: N/A

Upper and lower explosive limits: N/A

Unusual hazards: Exposure to flames causes material to smolder like charcoal.

Extinguishing agents: Water fog or spray or extinguishing media appropriate for surrounding fire.

Personal protective equipment: Wear self contained breathing apparatus and protective gear.

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#### **SECTION VI – ACCIDENTAL RELEASE MEASURES**

Material leaves a dry spill, which can be swept up or vacuumed and incinerated, disposed of by landfill or general trash, according to local, state and federal ordinances.

No special handling equipment is needed.

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#### **SECTION VII – HANDLING & STORAGE**

Storage Conditions: Material can be stored at low moisture, ambient temperatures. Keep material dry.

Handling procedures: Keep material away from strong acids, as the material will decompose with contact. No special handling equipment is necessary.

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### **SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory protection: A particulate dusk mask is recommended when handling the material.

Eye protection: Goggles or safety glasses are appropriate when handling the material.

Hand protection: Gloves are appropriate when handling the material.

Engineering controls: No special engineering controls are required.

Other protective equipment: No specialized protective equipment is necessary.

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### **SECTION IX – PHYSICAL & CHEMICAL PROPERTIES**

Property	Typical Value
Appearance	Powder
Color	Blue
State	Finely ground powder
Odor	Slight odor
pH	8.0-9.0
Specific Gravity	1.90
Vapor density	N/A
Melting point	N/A
Boiling point	N/A
Solubility in water	Miscible in water
% Volatility	N/A
Evaporation rate	N/A

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### **SECTION X – STABILITY & REACTIVITY**

Instability: This material is considered stable

Hazardous Decomposition Products: No hazardous decomposition products are associated with this material. Caution should be taken, however, in fire situations. Burning material can give off CaO and CO products.

Incompatibility: Strong acids can decompose this material.

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## **SECTION XI – TOXICOLOGICAL INFORMATION**

Acute Data: No specific health effects are known to occur with this material. There are no documented cases of industrial illnesses from exposure.

Route of Exposure	Species	Test Method / Effect
Oral	Rat	>5,000mg. / kg.
Primary dermal	Rabbit	Non irritant
Primary eye irritation	Rabbit	Non irritant
Skin sensivity	Guinea pig	Non Sensitizer

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## **SECTION XII – ECOLOGICAL INFORMATION**

No applicable data

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## **SECTION XIII – DISPOSAL CONSIDERATIONS**

Material leaves a dry spill, which can be swept up or vacuumed and incinerated, disposed of by land fill or general trash, according to local, state and federal regulations.

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## **SECTION XIV – TRANSPORT INFORMATION**

US DOT HAZARD CLASS: Non Regulated

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## **SECTION XV – REGULATORY INFORMATION**

Work place classification: This product is considered "non hazardous" under OSHA's Hazard Communication standard. This product is considered "Generally Regarded as Safe" or "GRAS" by the FDA.

SARA TITLE 311/312: This material is not a hazardous chemical.

SARA TITLE 313: This material does not contain a chemical which is listed in Section 313 at or above "de minimis" concentrations.

CERCLA Information: Release of this material to air, land or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) or to state and local emergency planning committees under the Super Fund Amendments and Reauthorization Act- SARA Title III, Section 313.

California Proposition 65: The product does not contain compounds or chemicals known to the state of California to cause cancer.

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## SECTION XVI – OTHER INFORMATION

HMIS Rating:

Health	Flammability	Reactivity	Personal Protection
-1-	-0-	-0-	Goggles, Dust mask, gloves

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The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as supplement to other information. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customer, and the protection of the environment.

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