



Mad Micas, Inc.  
7231 Haverhill Business Pkwy, Suite 206  
Riviera Beach, FL 33407

## Safety Data Sheet

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Product Name: Ultramarine Blue  
Product Type: Colorant  
Ingredients: Ultramarine Blue (CAS# 57455-37-5)

### ***Physical and Chemical Properties***

Form: Powder  
Color: Blue  
Odor: Odorless  
pH: 6.0-9.0 (4% H<sub>2</sub>O)  
Boiling Point °C: Not Applicable  
Melting Point °C: Decomposes  
Freezing Point °C: Not applicable  
Density: 2.3-2.7 g/ml  
Bulk Density: 0.7-1.0 g/ml  
Vapor Pressure: Not applicable  
Solubility: Insoluble  
Particle Size: <1.0 Micron

### ***Hazards Identification***

*Classification of the substance or mixture*

According to Regulation (EC) No. 1272/2008(CLP): not classified  
According to Directive 67/548/EEC & Directive 1999/45/EC: not classified  
Additional information: not available

*Label elements*

GHS label elements: not applicable  
Hazard pictogram(s): not applicable  
Signal word(s): not applicable  
Hazard statement(s): not applicable  
Precautionary statement(s): not applicable  
Other hazards: not known

### ***First Aid Measures***

Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention  
Ingestion: If ingested, wash out mouth with water, drink milk or egg white  
Skin Contact: Wash with soap and water. Get medical attention if irritation persists.  
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

*Most important systems and effects, both acute and delayed*

Acute: None

Long term (repeated): May cause irritation to the respiratory system, cough, and increased difficulty in breathing.

*Indication of immediate medical attention and special treatment needed*

Recommended: Chest X-ray and lung functionality tests.



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### ***Fire-Fighting measures***

Suitable extinguishing media: extinguish with water spray, foam or dry chemical

Unsuitable extinguishing media: carbon dioxide

Thermal hazards: noncombustible. None anticipated

Advice for firefighters: fire fighters should wear complete protective clothing including self-contained breathing apparatus

### ***Spillage/Accidental Release Measures***

Personal precautions: do not breathe dust

Personal protection equipment: wear appropriate personal protective equipment, avoid direct contact

In case of emergency: a self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions

Environmental precautions: do not allow to enter drains, sewers or watercourses

Methods and material for containment and cleaning up: collect mechanically and dispose. Use vacuum equipment for collecting spilt materials, where practicable.

### ***Handling and Storage***

Material may be slippery when wet. Store in cool dry place avoid breathing dust. Wash thoroughly after handling. Avoid contact with eyes. Use only with adequate ventilate on.

### ***Exposure Controls/Personal Protection***

Control parameters: provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures

Exposure limit values: not known

#### *Exposure controls*

Appropriate engineering controls: provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation.

#### *Individual protections measures, such as personal protective equipment(PPE)*

Hand/eye/face protection: wear gloves, eye protection and an approved dust mask if dust is generated during handling and goggles giving complete protection to eyes. Dust mask covering nose and mouth

Skin protection: apron or other light protective clothing, boots and plastic or synthetic rubber gloves

Respiratory protection: dust mask covering nose and mouth

Thermal hazards: none

Environmental exposure controls: avoid dust generation and the accumulation of dust

### ***Stability and Reactivity***

Reactivity: there may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminum, calcium, magnesium, potassium, sodium, zinc, lithium)

Chemical stability: stable under normal conditions

Possibility of hazardous reactions: none

Conditions to avoid: high temperature

Incompatible materials: strongly acidic, strongly alkaline, oxidizing agents

Decomposition products: no information available



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### ***Toxicological Information***

This inorganic pigment in general is considered to be practically non-toxic  
Acute Toxicity Inhalation: Not Available.  
Carcinogenicity: Not available

### ***Ecological Information***

Toxicity: no data  
Persistence and degradability: insoluble in water. This product is predicted not to degrade in soil and water  
Bio-accumulative potential: no data  
Mobility in soil: not applicable  
Results of PBT and vPvB assessment: not applicable  
Other adverse effects: not known

### ***Disposal Conditions***

US EPA Waste Number: Not Regulated  
Disposal of Waste Method: This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

### ***Transport Information***

International Transport Regulations:  
UN/PIN Number: NONE  
US Transportation Regulations:  
DOT Classification: Not Regulated  
Canadian Transportation of Dangerous Goods (TDG):  
TDG Classification: Not Regulated

### ***Regulatory Information***

According to Directive 67/548/EEC & Directive 1999/45/EC: not classified as dangerous for supply/use  
Safety, health and environmental regulations/legislations specific for the substance or mixture: not available

### **-Disclaimer-**

This safety data sheet is based on the properties of the material known to Mad Micas, Inc. at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment, Mad Micas, Inc. holds no responsibility. This document is not intended for quality assurance purposes.