

## Safety Data Sheet

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Product Name: Metallica  
Product Type: Colorant  
Ingredients: Mica (41-45%), Iron Oxide (55-59%)

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

Form: Powder  
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: 3.1-3.2kg/L  
Bulk Density: 21-25g/100g  
Vapor Pressure: Not applicable  
Solubility (in water): Insoluble  
Particle size: 5-25µm

### ***Hazards Identification***

Potential Health Effects: Prolonged or repeated exposure may cause lung damage  
Inhalation: May cause irritation of the respiratory tract Prolong or repeated exposure cause lung damage.  
Ingestion: No adverse health effects are expected from swallowing.  
Skin Contact: May cause skin irritation  
Eye Contact: Dust may cause irritation and inflammation  
Chronic Health Hazards: Prolonged or repeated exposure to dust may cause pulmonary problems  
Aggravated Medical Conditions: Pulmonary disorders, Allergies

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

Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention  
Ingestion: If large quantities are ingested, seek medical advice. Not a hazard under normal use conditions.  
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.

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

Flash Point, °C: Not Applicable  
Auto-ignition Temperature°C: Not Applicable  
Lower Explosive Limit, %: Not Applicable  
Upper Explosive Limit, %: Not Applicable  
Extinguishing Media: Use extinguishing media appropriate for surrounding fire. The product itself does not burn  
Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus  
Unusual Fire and Explosion Hazards: Not a fire or explosion hazard

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

Spill Procedures: Scoop up or vacuum into a container for reclamation or disposal avoid dusting  
Environmental Precautions: No special environmental precautions require

### ***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.

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

Eye protective equipment: Safety glasses with side shields

Hand protection: Choosing the right material of gloves to be worn when handling the dust or preparation

Respiratory protection: Use a NIOSH/MSHA approved respirator as necessary to protect from dust

Skin protection: Use apron, boots or full protective suit

Ventilation: General ventilation, Local exhaust ventilation is recommended control exposures to within applicable limits.

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

Stability Data: Stable

Conditions/Hazards to Avoid: None known

Incompatibility (Materials to Avoid): None known

Hazardous Decomposition Products: None known

Polymerization: Will not occur

Polymerization-Avoid: None known

### ***Toxicological Information***

This inorganic pigment in general is considered to be practically non-toxic

Acute Toxicity Inhalation: Not Available.

Carcinogenicity: Not available

### ***Ecological Information***

Information on product: No ecological problems are to be expected when the product is handled and used with due care and attention.

Environmental Fate: No data available

Eco toxicological Information: No data available

### ***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***

International inventories:

United States: This product or its ingredients are listed on or compliant with the TSCA inventory.

Europe: This product or its ingredients are listed on or compliant with EINECS.

Korea: Not Determined

US Federal Regulations: SARA 311/312

Hazard Categories: Acute Health Hazard

CAA 602 Ozone Depleting Substances (ODS): This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements Of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

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VOC content: None US State Regulations  
VOC Content (CARB): None  
Canadian Regulations WHMIS Classification: Not Regulated

### **-Disclaimer-**

This safety data sheet is based on the properties of the material known to Mad Oils, 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 Oils, Inc. holds no responsibility. This document is not intended for quality assurance purposes.