



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

Safety Data Sheet

Product Name: Chromium Oxide Green
Product Type: Colorant
Ingredients: Chromium Oxide Green - CAS (1308-38-9)

Physical and Chemical Properties

Appearance: Fine powder
Odor: Earthy odor
Melting point: No data
Density: 2.7-2.8g/cm³
Solubility: insoluble
Percent volatile: none
Vapor pressure: not applicable
Molecular formula: Cr₂O₃
Volatile organic comp UNDS (VOC's): None

Hazards Identification

Exposure to a large single dose may cause sneezing and dryness of mucous membranes. Could cause irritation of the mucous membranes and respiratory tract.

Routes of Exposure: Ingestion, inhalation, eye contact

Target organs: None identified

Symptoms of overexposure:

Inhalation: Low oral toxicity. Dust may irritate. Prolonged inhalation of air-borne dust may cause scarring of the lungs (pulmonary fibrosis).

Ingestion: Considered harmless and inert when ingested

Dermal Contact: Can cause dryness, or may cause mild irritation.

Acute Effects: None identified

Chronic Effects: Repeated exposure may cause conjunctival inflammation.

First Aid Measures

Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention

Ingestion: Do not give anything by mouth to an unconscious person. Do not induce vomiting. Get immediate medical attention.

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

Nonflammable inorganic pigment product.

Extinguishing Media: Carbon dioxide, dry chemical or foam recommended. containers. Apply water spray to cool exposed closed containers.

Special Fire-Fighting Procedures: Self-contained breathing apparatus (SCBA) and full protective equipment recommended.

Unusual Fire and Explosion Hazards: This product will not burn.

General Hazard: This inorganic pigment will not burn, and has a low level of fire hazard.

FLAMMABILITY DATA

Flash Point: Non-flammable material

Flammability Limits: Not applicable



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Autoignition Temperature: Not applicable
Dust Cloud Ignition Temperature: Not applicable
Dust Layer Ignition Temperature: Not applicable

NFPA	RATINGS	HMIS	RATINGS
Health	0	Health	0
Flammability	0	Flammability	0
Reactivity	0	Reactivity	0

Spillage/Accidental Release Measures

Small Spill: For dry powder spills, inert materials such as sand may be added to control dusting prior to cleanup. Place spilled material into appropriate waste containers for disposal.

Large Spill: Contain spilled material immediately with an inert substance such as sand or earth. Transfer diluted waste material into appropriate containers for disposal.

Handling and Storage

Handling: Avoid employee exposure with appropriate engineering controls and good hygiene practices.

Storage: Store in a moderately cool, dry, well-ventilated area away from direct sources of heat. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labelling information is visible.

Exposure Controls/Personal Protection

Engineering Controls: The use of local exhaust ventilation is recommended.

Personal Protection: NIOSH approved dust respirators are recommended when handling in areas of pigment dusting. Safety glasses are also recommended. Impervious clothing should be worn when gross contact is likely, such as when cleaning up spills of large amounts.

Exposure Limits

OSHA TWA=2 mg/m³ ACGIH TWA=2 mg/m³

Stability and Reactivity

General: This product is a stable compound and hazardous polymerization will not occur.

Incompatibility: None known under conditions of normal use.

Hazardous decomposition products: None known.

Toxicological Information

General: Based upon industry-wide experience over many years of manufacturing and published toxicological studies, many inorganic pigments in general are practically non-toxic. This low order of toxicity is probably because the inorganic pigments are somewhat inert and insoluble substances.

Acute (short-term) toxicity: No known published data available.

Chronic (long-term) toxicity: No known published data available.

Mutagenicity: No known published data available.



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Ecological Information

This product has not been evaluated for its ecotoxicity. However, the biodegradation of inorganic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since inorganic pigments are mostly insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

Disposal Conditions

General: This product must be disposed of in accordance with all applicable federal, state and local regulations.

Waste Management: Incineration or landfilling are recommended disposal techniques. Contact the state or local environmental agency for specific rules.

Transport Information

DOT Shipping Name (49 cfr 172.101-102): Not regulated

DOT Hazard Class (49 cfr 172.101-102): None

DOT Label: None

DOT Placard: None

Bill of Lading Description: Dry Pigments

CERCLA Substance (49 CFR): Not regulated

Reportable Quantity (RQ): None

International

UN/NA Number: Not regulated

IMDG/IACO Classification: Not regulated

IATA Classification: Not regulated

Regulatory Information

OSHA Hazard Communication Standard Status: This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA) Status: All of the ingredients of this material have been reported to the U.S. EPA and are included in the TSCA chemical inventory.

SARA Title III

Section 302 (EHS): None

Section 311/312 (Acute): None

RCRA: Not regulated as a hazardous waste under RCRA.

EINECS No.: 2388779

-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.