

CHROMIUM OXIDE GREEN

Revision Date: 10/14/05

NFPA RATINGS

Health: 1

Flammability: 0

Reactivity: 0

HMIS RATINGS

Health: 1

Flammability: 0

Reactivity: 0

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: Chromium Oxide
Color Index Name: Pigment Green 17
Color Index Number: 77288
Product Use: Colorant
Supplier: TKB Trading, LLC
356 24th Street
Oakland, CA 94612
510-451-9011
fax 510-451-9044

For chemical emergency call CHEMTREC (24 hours) 1-800-424-9300

2. COMPOSITION AND INFORMATION ON INGREDIENTS

CHROME OXIDE GREEN C.A.S. # 1308-38-9

This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:**

No known hazards associated with this product.
Inorganic pigments will not burn when involved in a fire.

4. FIRST AID MEASURES

Inhalation:	Move person to fresh air. Aid in breathing. Get immediate medical attention.
Ingestion:	If large quantities are ingested, seek medical advice. 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.

5. FIRE FIGHTING MEASURES

Flash Point, Celcius:	Not Applicable
Autoignition Temperature:	Not Applicable
Lower Explosive Limit, %:	Not Applicable
Upper Explosive Limit, %:	Not Applicable
Extinguishing Media:	None – does not burn. Use extinguishing media appropriate for surrounding fire.
Fire Fighting Procedure:	Positive pressure, self-contained breathing apparatus.
Unusual Fire and Explosion Haz.:	Not a fire or explosion hazard.

6. ACCIDENTAL RELEASE MEASURES

Spill procedure:	Scoop up or vacuum into a container for reclamation or disposal.
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7. HANDLING AND STORAGE

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

8. 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

There are no ACGIH TLV's or OSHA PEL's established for this product.

The OSHA PEL for nuisance dust is 15 mg/m³ (total dust), and 5 mg/m³ (respirable dust) recommended. The recommended ACGIH TLV for nuisance dust is 10 mg/m³.

9. PHYSICAL AND CHEMICAL PROPERTIES

D.O.T. SHIPPING NAME (49 CFR 172.101-102): Not regulated
D.O.T. HAZARD CLASS (49 CFR 172.101-102): None
D.O.T. LABEL: None
D.O.T. PLACARD: None
BILL OF LADING DESCRIPTION: Pigments NOI Dry
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

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditional Hazards to Avoid:	None Known
Incompatibility (Materials to Avoid):	None Known
Hazardous Decomposition Products:	None Known
Polymerization:	Will Not Occur
Polymerization - Avoid:	None Known

11. TOXICOLOGICAL INFORMATION

GENERAL

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, many inorganic pigments in general are considered to be practically non-toxic. This low order of toxicity is probably due to the fact that 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.

12. 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.

13. DISPOSAL INFORMATION

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.
- . This product is not identified as a RCRA hazardous waste under 40 CFR 261, and is not regulated under CERCLA (Superfund).

14. TRANSPORT INFORMATION

D.O.T. SHIPPING NAME (49 CFR 172.101-102).....: Not regulated
D.O.T. HAZARD CLASS (49 CFR 172.101-102).....: None
D.O.T. LABEL.....: None
D.O.T. PLACARD.....: None
BILL OF LADING DESCRIPTION.....: Pigments NOI Dry
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

15. 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.: 215-160-9

16. OTHER INFORMATION

Prepared by: TKB Trading, LLC

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this MSDS is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is current.