SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Chromium Oxide Green Dry Pigment
Product Description: Pigment, colorant
Intended Use: Fine art painting and decorative coatings

COMPANY

Company Name: Gamblin Artists Colors
Company Address: 2734 SE Raymond St.
Portland, OR 97202
USA
Company Phone: 503-235-1945
Emergency Phone: Local Emergency Room

SECTION 2: HAZARDS IDENTIFICATION

OSHA/HCS STATUS: This material is considered hazardous by the OSHA Hazard Communication Standard
(29 CFR 1910.1200).

CLASSIFICATION: TOXIC TO REPRODUCTION [Fertility] - Category 1B
TOXIC TO REPRODUCTION [Unborn child] - Category 1 B

LABEL ELEMENTS:

Hazard symbol:

Signal word: Danger
Hazard statement: May damage fertility or the unborn child.

Precautionary statements

General: Read label before use. Keep out of reach of children. If medical advice is needed,
have product container or label at hand.

Prevention: Obtain special instructions before use. Do not handle until all safety precautions
have been read and understood. use personal protective equipment as

required.

Response: IF exposed or concerned get medical attention.

Storage: Store locked up.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC):

Fine dust clouds may form explosive mixtures with air. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NUMBER/OTHER IDENTIFIERS

Chemical Name	CAS#	Concentration (%)
Chromium Compounds Diboron Trioxide	12001-99-9 1303-86-2	>80 >0.3%

Comments: There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4: FIRST AID MEASURES

Eyes: Wash with clean water for at least 10 minutes. If irritation persists, get medical attention.

Skin: Flush contaminated skin with plenty of water.

Inhalation: Remove to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist.

Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that the vomit does not enter the lungs. Get medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: FIRE FIGHTING MEASURES

FIRE FIGHTING

Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Unsuitable Extinguishing Media:

None known

Special Fire Fighting Procedures:

Use protective equipment appropriate for surrounding materials.
Not a fire hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate personal protective equipment. Avoid inhalation of dust from

the spilled material.

Environmental Precautions:

Prevent contamination of soil, drains, and surface waters.

Methods for clean up: Avoid dust formation. Do not sweep. Collect powder using special dust vacuum

cleaner with particle filter.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Provide appropriate exhaust ventilation at machinery and at places where dust

can be generated. Keep formation of airborne dusts to a minimum. When using,

do not eat, drink or smoke. Wash hands thoroughly after handling.

Cautions for Safe Storage:

Store in closed original container in a cool, dry place. Avoid direct sunlight. Store

locked up.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

US OSHA PEL (2/2013)

Ingredient Name	Type	Value	Form
Diboron Trioxide	TWA	15 mg/m^3 8 hours	Total dust.

US ACGIH TLV (4/2014)

Ingredient Name	Type	Value	Form

Diboron Trioxide	TWA	10 mg/m^3 8 hours	Not specified.

US OSHA PEL 1989 (3/1989)

Ingredient Name	Type	Value	Form
Diboron Trioxide	TWA	10 mg/m^3 8 hours	Total dust.

BIOLOGICAL LIMIT VALUES Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

PERSONAL PROTECTION

Respiratory Protection: In case of inadequate ventilation, wear proper respiratory protection.

Skin Protection: Rubber or plastic gloves. PVC disposable gloves. Use impervious gloves. Normal work clothing (long sleeved shirt and pants) is recommended.

Eye Protection: Safety glasses with side-shields

ENGINEERING CONTROLS

Ventilation: Only use with adequate ventilation. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Hygiene: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking .

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

Physical State: Powder
Color: Green
Odor: None
Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Boiling Point: N/A
Melting Point: N/A
Freezing Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Relative Density: 3.35
Evaporation Rate: N/A
Solubility in Water: Insoluble in cold water and hot water
Solids by Weight: N/D
VOC: 0%
Molecular Weight: N/A
Viscosity: N/D

Decomposition Temp: N/D
pH: Not tested

SECTION 10: STABILITY AND REACTIVITY

Stability: Material is stable under normal conditions
Conditions to Avoid: None known
Materials to Avoid: No additional information
Hazardous Decomposition or Bi-Products:
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possibility of Hazardous Reactions:
Under normal conditions of storage and use, hazardous reactions will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

HAZARD CLASS	CONCLUSION/REMARKS
Inhalation	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards. Oral LD50: 3150 mg/kg (rat)
Skin	No known significant effects or critical hazards.
Eye	No known significant effects or critical hazards.
Sensitization	No known significant effects or critical hazards.
Specific Target Organ Toxicity (STOT)	
Single Exposure	Not classified (No Data Available)
Repeated Exposure	Not classified (No Data Available)

POTENTIAL ACUTE EFFECTS
Inhalation: May cause irritation to the respiratory system.
Ingestion: No adverse effects due to ingestion are expected.
Skin: May cause irritation.
Eye: May cause irritation.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS
Inhalation: Adverse symptoms may include: respiratory tract irritation, coughing, reduced

fetal weight, increase in fetal deaths, skeletal malformations

Ingestion: Adverse symptoms may include: respiratory tract irritation, coughing, reduced fetal weight, increase in fetal deaths, skeletal malformations

Skin: Adverse symptoms may include: respiratory tract irritation, coughing, reduced fetal weight, increase in fetal deaths, skeletal malformations

Eye: Adverse symptoms may include: irritation, redness

POTENTIAL CHRONIC HEALTH EFFECTS

General: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: May damage the unborn child.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: May damage fertility.

ACUTE TOXICITY ESTIMATES

Oral: ATE value: 3150.5 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION

Ecotoxicity: No information available

Mobility: No information available

PERSISTENCE AND MOBILITY

Biodegradation: No information available

Bioaccumulative potential:

No information available

SECTION 13: DISPOSAL CONSIDERATIONS

NOTE: Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at the time of disposal.

Waste Disposal: Dispose of in accordance with national, state, and local regulations.

Empty Container: Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations.

SECTION 14: TRANSPORT INFORMATION

LAND (DOT): Not regulated

SEA (IMDG): Not regulated

AIR (IATA): Not regulated

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS TSCA (TOXIC SUBSTANCE CONTROL ACT):
Listed
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):
SARA 313 (TRI reporting) - Product name: Chromium Compounds CAS number 12001-99-9 93.999% by weight.
STATE REGULATIONS: None known

INTERNATIONAL REGULATIONS:

Country(s) or Region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
Malaysia	EHS Register	N/D
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Taiwan	CSNN	N/D

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A "No"indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION 16: OTHER INFORMATION

NFPA Hazard Codes:	Health	1
	Fire	0
	Reactivity	0
	Special	N/A

N/D = Not determined, N/A = Not applicable

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:
Updates made in accordance with implementation of GHS requirements.

The information and recommendations contained herein are, to the best of Gamblin's knowledge and belief, accurate and reliable, but it is not warranted to be. You can contact Gamblin to ensure that this document is the most current available. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use and it is the user's responsibility to carefully read the product label and follow instructions for safe use of the product.