Safety Data Sheet

Crafter's Choice™ Matte Teal Green Pigment Powder

SECTION 1: Identification

Product identifiers:

Product trade name: Crafter's Choice™ Matte Teal Green Pigment Powder
Other means of identification: Not Available

Recommended use of the chemical and restrictions on use:

Uses: Pigment
Restrictions on use: None identified

Details of the supplier:

Manufacturer/Supplier:
Crafter's Choice Brands, LLC
7820 E. Pleasant Valley Road
Independence, Ohio 44131
Phone: 1-800-908-7028
www.Crafters-Choice.com

Emergency telephone number: Emergency: ChemTel MIS3548100 (800)255-3924 International + 813-248-0585

SECTION 2: Hazard(s) identification

Information in accordance with 29 CFR 1910.1200 (Hazcom 2012) in effect on May 25, 2012:

Classification of the chemical in accordance with 29 CFR 1910.1200(d):

Reproductive Toxicity, category 1B

Label elements in accordance with 29 CFR 1910.1200(f):

Hazard pictogram(s):

Signal word:
Danger

Hazard statements:
H360 May damage fertility or the unborn child.

Precautionary statements:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local, regional and international regulations.
Supplemental information: Skin may discolor due to contact with pigment.
Notes: No Additional Information
Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS) - Annex III. Regulations in individual countries/regions may determine which statements are required on the product label. See product label for specifics.

Hazards not otherwise classified: No Additional Information

See Section 11 for toxicological information.

SECTION 3: Composition/information on ingredients

Mixture:

CAS-No.	Chemical Name
0012001-99-9	Hydrated chromium (III) oxide
0001303-86-2	Boron oxide (Diboron trioxide)

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits. Exact percentage values for components are proprietary in accordance with 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

Description of first aid measures:

General: If irritation or other symptoms occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.

Eye contact: Immediately flush eyes with plenty of clean water for an extended time, not less than fifteen (15) minutes. Flush longer if there is any indication of residual chemical in the eye. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion. If eye irritation persists: Get medical advice/attention.

Skin contact: Immediately remove contaminated clothing and shoes. Wash the affected area with plenty of soap and water until no evidence of the chemical remains (at least 15-20 minutes). Launder clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Inhalation: If affected, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse out the mouth with water. Get medical attention immediately.

Protection of first aid responders: Wear proper personal protective clothing and equipment.

Most important symptoms and effects, both acute and delayed: Irritation, Skin contact may discolor skin due to pigment. Pre-existing skin problems may be aggravated by prolonged or repeated contact. See section 11 for additional information.

Indication of any immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

SECTION 5: Fire-fighting measures

NFPA flammability class: N/A

Extinguishing media:

Suitable: Carbon dioxide, foam, dry chemical, water.

Unsuitable: None known.

Special hazards arising from the chemical:

Unusual fire/explosion hazards: This product is not known to present any fire hazard.

Hazardous combustion products: Irritating or toxic substances may be emitted upon burning, combustion or decomposition. Fire conditions may produce small amounts of hexavalent chromium and other oxidation products. See section 10 (10.6 Hazardous decomposition products) for additional information.

Special protective equipment and precautions for fire-fighters: Wear self-contained breathing apparatus (SCBA) equipped with a full facepiece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations.

See section 9 for additional information.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: See Section 8 for recommendations on the use of personal protective equipment. If spilled in an enclosed area, ventilate. Personal Protective Equipment must be worn.

Environmental precautions: Do not flush product into public sewer, water systems or surface waters.

Methods and materials for containment and cleaning up: Contain spill. Wear proper personal protective clothing and equipment. Sweep up carefully and place into container for reuse or disposal. Avoid causing dust. Place into labeled, closed container; store in safe location to await disposal. Change contaminated clothing and launder before reuse.

SECTION 7: Handling and storage

Precautions for safe handling: As with any chemical product, use good laboratory/workplace procedures. Do not get in eyes, on skin or clothing. Do not breathe dust, vapor, aerosol, mist or gas. Do not ingest, taste, or swallow. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions. Wash contaminated clothing before reuse. Provide eyewash fountains and safety showers in the work area.

Conditions for safe storage, including any compatibilities: Store cool and dry, under well-ventilated conditions. Store this material away from incompatible substances (see section 10). Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use.

SECTION 8: Exposure controls / personal protection

Control parameters:

Occupational exposure limits (OEL):

Chemical Name	ACGIH - TWA			ACGIH - STEL	
Hydrated chromium (III) oxide	0.50	mg/m3 (as Cr)		N/E	
Boron oxide (Diboron trioxide)	10.00	mg/m3		N/E	
Chemical Name	**OSHA - PEL**		**OSHA - STEL**	**OSHA - Ceiling**	**Mexico**
Hydrated chromium (III) oxide	0.50	mg/m3 (as Cr)	N/E	N/E	0.5 mg/m3 TWA
Boron oxide (Diboron trioxide)	15.00	mg/m3 (total dust)	N/E	N/E	10 mg/m3 TWA, 20 mg/m3 STEL

N/E=Not established (no exposure limits established for the listed substances for listed country/region/organization).

PNOS: ACGIH has recommended the following exposure limits for Particulates (insoluble or poorly soluble) not otherwise specified (PNOS): 10 mg/m3 TWA (inhalable particles), 3 mg/m3 TWA (respirable particles). The above exposure limits for chromium oxide refer to chromium. OSHA exposure limits for Particulates not otherwise regulated are 15 mg/m3 TWA (total dust) and 5 mg/m3 TWA (respirable fraction).

Exposure controls:

Appropriate engineering controls: Always provide effective general and, when necessary, local exhaust ventilation to draw dust away from workers to prevent routine inhalation. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. (Ventilation guidelines/techniques may be found in publications such as Industrial Ventilation: American Conference of Governmental Industrial Hygienists, 1330 Kemper Meadow Drive, Cincinnati, OH, 45240-1634, USA.) (http://www.acgih.org/home.htm).

Individual protection measures, such as personal protective equipment (PPE):

Eye/face protection: Safety glasses or goggles required.

Skin and body protection: Wear chemical resistant (impervious) gloves. Use good laboratory/workplace procedures including personal protective clothing: labcoat, safety glasses and protective gloves.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Use respirator in accordance with manufacturer's use limitations and OSHA standard 1910.134 (29CFR).

Further information: Eyewash fountains and safety showers are recommended in the work area.

SECTION 9: Physical and chemical properties

Form:	Powder	**pH:**	Not Available

Appearance:	Green	**Relative density:**	3.21
Odor:	Odorless	**Partition coefficient (n-octanol/water):**	Not Available
Odor threshold:	Not Available	**% Volatile by weight:**	Not Available
Solubility in water:	Insoluble	**VOC:**	Not Available
Evaporation rate:	Not Available	**Boiling point °C:**	Not Available
Vapor pressure:	Not Available	**Boiling point °F:**	Not Available
Vapor density:	Not Available	**Flash point:**	Not Available
Viscosity:	Not Available	**Auto-ignition temperature:**	Not Available
Melting point/Freezing point:	>450°C (>842°F)	**Flammability (solid, gas):**	Not flammable
Oxidizing properties:	Not oxidizing	**Flammability or explosive limits:**	**LFL/LEL** Not Available
Explosive properties:	Not explosive		**UFL/UEL** Not Available
Decomposition temperature:	Not Available		

Other information: Amounts specified are typical and do not represent a specification.

SECTION 10: Stability and reactivity

Reactivity: None known.

Chemical stability: This product is stable.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Excessive heat and ignition sources. Contact with water or moist air. BORON OXIDE: Slowly reacts with water to form boric acid.

Incompatible materials: Avoid contact with strong oxidizing agents. HYDRATED CHROMIUM (III) OXIDE: May react with lithium, nitroalkanes, dirubidium acetylide, oxygen difluoride and other strong oxidizers. Reaction with chlorine triflluoride produces flame.

Hazardous decomposition products: A small amount (less than 0.1% of reversion to hexavalent chromium may occur if this product is exposed to elevated temperatures.

SECTION 11: Toxicological information

Information on likely routes of exposure:

General: Caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure. Contains trivalent chromium compound. Repeated and prolonged exposures to trivalent chromium compounds may cause delayed respiratory effects. BORIC ACID AND BORATES: Based on repeated-dose ingestion studies in animals, may cause adverse reproductive and developmental effects.

Eyes: Solid particles on the eye (powder/dust) may cause pain and be accompanied by irritation.

Skin: Repeated or prolonged skin contact may cause irritation.

Inhalation: Dust inhalation may cause respiratory irritation.

Ingestion: Ingestion may cause irritation.

Symptoms/effects, acute and delayed: Irritation, Skin contact may discolor skin due to pigment

Acute toxicity information: Not classified (based on available data, the classification criteria are not met). No toxicity studies have been conducted on this product. ATEmix (oral): >5000 mg/kg. ATEmix (dermal): >2000 mg/kg.

Chemical Name	Inhalation LC50	Species	Oral LD50	Species	Dermal LD50	Species
Hydrated chromium (III) oxide	>5.41 mg/L air	Rat/ adult	>5000 mg/kg	Rat/ adult	>2000 mg/kg	Rabbit/ adult
Boron oxide (Diboron trioxide)	> 2.03 mg/L (no mortalities)	Rat/ adult	3150 mg/kg	Rat/ adult	> 2000 mg/kg	Rat/ adult

Skin corrosion/irritation: Not classified (based on available data, the classification criteria are not met).

Chemical Name	Skin irritation	Species
Hydrated chromium (III) oxide	Non-irritant	Rabbit/ adult
Boron oxide (Diboron trioxide)	Mild-slight irritant	Rabbit/ adult

Serious eye damage/irritation: Not classified (based on available data, the classification criteria are not met).

Chemical Name	Eye irritation	Species
Hydrated chromium (III) oxide	Non-irritant	Rabbit/ adult
Boron oxide (Diboron trioxide)	Mild-moderate irritant	Rabbit/ adult

Respiratory or skin sensitization: Not classified (based on available data, the classification criteria are not met).

Chemical Name	Skin sensitisation	Species
Hydrated chromium (III) oxide	N/E	
Boron oxide (Diboron trioxide)	Non-sensitizer	Guinea Pig/ adult

Carcinogenicity: Not classified.

Carcinogenic status: The components of this mixture are not known to be listed or regulated by IARC, NTP, OSHA or ACGIH.

Germ cell mutagenicity: Not classified.

Reproductive toxicity: May damage fertility or the unborn child - Category 1. BORIC ACID AND BORATES: Based on repeated-dose ingestion studies in animals, may cause adverse reproductive and developmental effects. Adverse testicular effects and infertility have been reported in animals after repeated ingestion of boric acid. There is insufficient information concerning the reproductive effects of borates in humans.

Specific target organ toxicity (STOT) - single exposure: Not classified.

Specific target organ toxicity (STOT) - repeated exposure: Not classified. BORIC ACID AND BORATES: May cause effects on the kidneys and liver, at high doses, based on animal ingestion studies. Repeated dose oral toxicity studies showed a NOAEL (No-Observed-Adverse-Effect-Level) of 100 mg/kg/day and LOAEL (Lowest-Observed-Adverse-Effect-Level) of 334 mg/kg/day.

Aspiration hazard: Not classified.

Other toxicity information: No additional information available.

SECTION 12: Ecological information

Ecotoxicity: No ecological testing has been conducted on this product.

Chemical Name	Fish 96 hour LC50	Fish 96 hour LC50	Fish Chronic NOEC
Hydrated chromium (III) oxide	>10000 mg/L (LC0, Chromium III oxide)	N/E	N/E
Boron oxide (Diboron trioxide)	79.7 mg/L	74 mg/L	6.4 mg/L (34 days)

Chemical Name	Invertebrates 48 hour EC50	Invertebrates 24 hour EC50	Invertebrates Chronic NOEC
Hydrated chromium (III) oxide	N/E	N/E	N/E
Boron oxide (Diboron trioxide)	91 mg/L	N/E	6.4 mg/L (21 days)

Chemical Name	Algae 96 hour EC50	Algae 72 hour EC50	Algae Chronic NOEC
Hydrated chromium (III) oxide	N/E	N/E	N/E
Boron oxide (Diboron trioxide)	N/E	52.4 mg/L	17.5 mg/L

Persistence and degradability: No specific information available.

Chemical Name	Biodegradation
Hydrated chromium (III) oxide	N/E
Boron oxide (Diboron trioxide)	Not applicable (inorganic)

Bioaccumulative potential: No specific information available.

Chemical Name	Bioconcentration Factor (BCF)	Log Kow
Hydrated chromium (III) oxide	N/E	N/E
Boron oxide (Diboron trioxide)	N/E	–0.757 (Boric acid)

Mobility in soil: No specific information available.

Chemical Name	Mobility in soil (Koc/Kow)
Hydrated chromium (III) oxide	N/E
Boron oxide (Diboron trioxide)	N/E

Other adverse effects: No additional information available.

SECTION 13: Disposal considerations

HAZARDOUS WASTE: Dispose of waste (incinerate) in a RCRA permitted hazardous waste disposal facility. Chromium: This product contains chromium (EPA Hazardous Waste No. D007, 40CFR261.24). You must determine by appropriate test if any waste exhibits the characteristic of TCLP Toxicity. Federal, state and local regulations where the waste material is generated, treated, and/or disposed of must be examined to verify the appropriate waste classification.

See Section 8 for recommendations on the use of personal protective equipment.

SECTION 14: Transport information

The information below is provided to assist in documentation. It may supplement the information on the package. The package in your possession may carry a different version of the label depending on the date of manufacture. Depending on inner packaging quantities and packaging instructions, it may be subject to specific regulatory exceptions.

UN number: N/A

UN proper shipping name:

Not regulated - See Bill of Lading for Details

Transport hazard class(es):

U.S. DOT hazard class: N/A
Canada TDG hazard class: N/A
Europe ADR/RID hazard class: N/A
IMDG Code (ocean) hazard class: N/A
ICAO/IATA (air) hazard class: N/A

A "N/A" listing for the hazard class indicates the product is not regulated for transport by that regulation.

Packing group: N/A

Environmental hazards:

Marine pollutant: Not Applicable

Hazardous substance (USA): Not Applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not Applicable

Special precautions for user: Not Applicable

SECTION 15: Regulatory information

Safety, health and environment regulations/legislation specific for the product:

U.S. federal and state regulations/legislation:

This SDS has been prepared in accordance with the hazard criteria of the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

U.S. Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Reportable Quantity (RQ):

Not Applicable

U.S. Superfund Amendments and Reauthorization Act (SARA) - SARA Section 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372:

Hydrated chromium (III) oxide

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards:

None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard, Federal Register, page 31159 ff, 6 June 1997.

Notes: This material may contain approximately 100 ppm of hexavalent chromium. Hexavalent chromium is on the California Governor's list to "chemicals known to cause cancer or repoductive toxicity." The California Health and Welfare Agency has established a "no significant risk" level for hexavalent chromium of 0.001 micrograms/day. Workplace exposures to this product below the TLV for chromic oxide could result in exposures to hexavalent chromium in excess of 0.001 mircrograms/day.

Canada regulations/legislation:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Canadian Workplace Hazardous Material Information System (WHMIS) classification: D2A

Canadian Ingredient Disclosure List:

The following components are on the Canadian Ingredient Disclosure List (WHMIS):
Hydrated chromium (III) oxide
Boron oxide (Diboron trioxide)

Mexico regulations/legislation:

This SDS contains the information required by NOM-018-STPS-2000 Workplace Hazardous Chemical Substances Communication and Identification Standard.

Chemical inventories:

Regulation	Status
Canadian Domestic Substances List (DSL):	Y
Canadian Non-Domestic Substances List (NDSL):	N
U.S. Toxic Substances Control Act (TSCA):	Y

A "Y" listing indicates all intentionally added components are either listed or are otherwise compliant with the regulation. A "N" listing indicates that for one or more components: 1) there is no listing on the public inventory; 2) no information is available; or 3) the component has not been reviewed.

SECTION 16: Other information

SDS Revision date: 6/15/2015

HMIS (Hazardous Materials Identification System) Ratings:

Health: 1* **Flammability:** 0 **Reactivity (Stability):** 0 **Personal Protection:** X

NFPA (National Fire Protection Association) Ratings:

Health: 1 **Flammability:** 0 **Instability:** 0

Key: 0=Insignificant; 1=Slight; 2=Moderate; 3=High; 4=Extreme. An asterisk appearing after the HMIS Health numerical rating denotes a chronic hazard.

Hazardous Materials Identification System (HMIS), National Paint and Coating Association, rating applies to product "as packaged" (i.e., ambient temperature). Ratings are based upon HMIS® III and NFPA 704 (2007). An asterisk appearing after the HMIS Health® III numerical rating denotes a chronic hazard. National Fire Protection Association (NFPA) rating identifies the severity of hazards of material during a fire emergency (i.e., "on fire").

Legend: :

ACGIH: American Conference of Governmental Industrial Hygienists
N/A: Not Applicable
N/E: None Established
STEL: Short Term Exposure Limit
TWA: Time Weighted Average (exposure for 8-hour workday)

Users Responsibility/Disclaimer of Liability:
As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to develop appropriate work practice guidelines and employee instructional programs for your operation.