



SAFETY DATA SHEET

Masonry Cosmetics' Pigment Concentrates

1. Identification

- (a) Product identifier used on the label; Masonry Cosmetics' Pigment Concentrates
- (b) Other means of identification; none
- (c) Recommended use of the chemical and restrictions on use; Use as a colorant.
No other uses are known.
- (d) Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party;
- Masonry Cosmetics, Inc.
3210 Sugar Maple Business Ct.
South Bend, IN 46628
888-698-8705
- (e) Emergency phone number: 574-876-3861

2. Hazard(s) identification

- (a) Classification of the chemical in accordance with paragraph (d) of §1910.1200;
The chemical is not classified as a physical, health, or environmental hazard.
The chemical does not constitute an OSHA defined hazard.
- (b) Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200.
- | | |
|--|-----------------|
| Signal Word: | Not assigned |
| Hazard Statement(s) | Not assigned |
| Hazard Symbol: | None |
| Precautionary statement(s) | Not assigned |
| Other hazards: | None |
| Substance(s) formed under the conditions of use: | Not applicable. |

3. Composition/information on ingredients

- | | |
|------------------------------|--|
| (a) Chemical name: | CAS number and other unique identifiers: |
| Copper Chromite Black Spinel | 68186-91-4* |
| Synthetic Iron Oxide Red | 1309-37-1, S130, S120 |
| Mineral Oxide, Mineral | 1309-37-1, 1333-86-4 |
| Oxide-Carbon Blend | 01-4808-60-7 |
| Cobalt Aluminate Blue Spinel | 1345-16-0 |
| Nickel Antimony Titanium | 8007-18-9 |
- (b) Common name and synonyms: inorganic iron oxide
- (d) Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance: None

4. First-aid measures

Inhalation:	Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact:	Wash the skin thoroughly with warm water. Get medical attention if irritation develops or persists.
Eye contact	Immediately flush with warm water. After initial flushing, remove any contact lenses and continue flushing with water for at least 15 minutes. Get medical attention if irritation persists.
Ingestion:	Clean mouth with water. Never give anything by mouth to an unconscious person. If swallowed, do NOT induce vomiting. Give several glasses of water to dilute contents of stomach and call a physician, if symptoms persist.
Most important symptoms/effects, acute and delayed:	Contact with eyes may cause irritation. Inhalation of dusts may cause respiratory irritation. Contact with skin may cause irritation.
General Information:	The type of protective equipment (if any) must be selected according to the concentration and amount of the dangerous substance at the specific workplace. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. No special protective equipment required.

5. Fire-fighting measures

- (a) Suitable (and unsuitable) extinguishing media: All standard fire-fighting media are suitable.
 - (b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products): None are known.
 - (c) Special protective equipment and precautions for fire-fighters: Use protective equipment appropriate for surrounding materials.
- This product is not flammable and is not a fire hazard.

6. Accidental release measures

- (a) Personal precautions, protective equipment, and emergency procedures: Avoid contact with eyes and inhaling dust. Wear suitable protective clothing. Avoid dust formation.
- (b) Methods and materials for containment and cleaning up: Sweep up and collect in suitable containers for recover or disposal. Flush area with water.
Do not discharge into drains, water courses or onto the ground.

7. Handling and storage

- (a) Precautions for safe handling: Avoid generation of dust.
Provide adequate ventilation where and when dust can be generated.
When using, do not eat, drink or smoke.
Wash hands thoroughly after handling.
- (b) Conditions for safe storage, including any incompatibilities:
Keep container tightly closed, dry and at room temperature.
Keep containers properly labeled.

8. Exposure controls/personal protection

(a) Occupational exposure limits

US. OSHA TABLE Z-1 LIMITS FOR AIR CONTAMINANTS (29 CFR 1910.1000)

Metals	Type	Value	Percent	Form
Chromium (III) & Compounds	PEL	1 mg/m ³	40-50% (as Cr)	
Copper dusts & mists	PEL	1 mg/m ³	25-33% (as Cu)	Dust and mist.
		0.1 mg/m ³	25-33%	(as Cu) Fume.

US. ACGIH THRESHOLD LIMIT VALUES

Metals	Type	Value	Percent	Form
Chromium (III) & compounds	TWA	0.5 mg/m ³	40-50% (as Cr)	
Copper dusts & mists	TWA	1 mg/m ³	25-33% (as Cu)	Dust & mist.
		0.2 mg/m ³	25-33% (as Cu)	Fume.

US. NIOSH: POCKET GUIDE TO CHEMICAL HAZARDS

Metals	Type	Value	Percent	Form
Chromium (III) & compounds	TWA	0.5 mg/m ³	40-50% (as Cr)	
Copper dusts & mists	TWA	1 mg/m ³	25-33% (as Cu)	Dust & mist.

Biological Limit Values No biological exposure limits noted for the ingredients.

(b) Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

(c) Individual Protection Measures:

Eye/face: Avoid contact with eyes. Safety glasses or goggles.

Skin: Wear suitable protective clothing and plastic gloves.

Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever work place conditions warrant a respirator's use. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection. MSHA/NIOSH respirators approved for dusts TC-21C or NIOSH approved cartridges for Non-oil aerosols, N95, N99, N100 (42 CFR 84).

Thermal hazards: Not applicable.

General hygiene considerations: Use personal protective equipment as required.
Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

- (a) Appearance: Powder
(b) Odor: Odorless
(c) Odor threshold: Not applicable
(d) pH: 7.3
(e) Melting point/freezing point: Not applicable
(f) Initial boiling point and boiling range :Not applicable
(g) Flash point: Not applicable
(h) Evaporation rate: Not applicable

- (i) Flammability (solid, gas): Not applicable
- (j) Upper/lower flammability or explosive limits: Not applicable
- (k) Vapor pressure: Not applicable
- (l) Vapor density: No data
- (m) Relative density: No data
- (n) Solubility(ies): (water) Negligible
- (o) Partition coefficient: n-octanol/water: Not applicable
- (p) Auto-ignition temperature: Not applicable
- (q) Decomposition temperature: Not applicable
- (r) Viscosity: Not available
- Specific gravity: 5.5
- Loose packing density: Not available

10. Stability and reactivity

- (a) Reactivity: Not available.
- (b) Chemical stability: Stable under normal temperature conditions for recommended use.
- (c) Possibility of hazardous reactions: Hazardous polymerization does not occur.
- (d) Conditions to avoid: None known.
- (e) Incompatible materials: None known.
- (f) Hazardous decomposition products: None known.

11. Toxicological information

- (a) Acute Toxicity
 - Ingestion: No adverse effects due to ingestion are expected.
 - Inhalation: May cause irritation to the respiratory tract.
 - Skin Contact: Material may cause irritation.
 - Eye Contact: May irritate eyes.
- (b) Symptoms related to characteristics
 - May be irritating to eyes, skin and respiratory system.
- (c) Effects: May cause respiratory irritation. May be irritating to skin and eyes.
- (d) Numerical measures of toxicity.
 - Acute toxicity: May cause respiratory irritation. May be slightly irritating to skin and eyes.

Components	Species	Test Results
Copper Chromite Black Spinel (CAS 68186-91-4*)		
Inhalation-LD50	Rat	>11.1 mg
Oral-LD50	Rat	>10000 mg/kg
Skin corrosion/irritation:	Contact with skin may cause irritation.	
Serious eye damage/eye irritation:	May irritate eyes.	
Respiratory or skin sensitization		
Respiratory sensitization:	No data available.	
Skin sensitization:	No data available.	
Germ cell mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	IARC Monographs. Overall Evaluation of Carcinogenicity Chromium Compound (CAS 7440-47-3) 3 Not classifiable as to carcinogenicity to humans.	
Reproductive toxicity:	No data available.	

Specific target organ toxicity - single exposure: No data available.
 Specific target organ toxicity -repeated exposure: No data available.
 Aspiration hazard: No data available.
 Chronic effects: No data available.
 Further information: Repeated overexposure to this compound may cause eye, skin and respiratory tract irritation. Some compounds of the metals used in the manufacturing of this material have demonstrated various toxic properties. However, there is no evidence that this material has these toxic characteristics. This product is the result of high temperature calcination of the component substances. Due to its unique crystalline structure the properties of this finished material do not necessarily reflect the properties of the component metals or oxides.

12. Ecological information (Non-mandatory)

Ecotoxicity: Not expected to be harmful to aquatic organisms.

Constituents	Species	Test Results
Chromium Compound (CAS 7440-47-3)		
Aquatic		
Crustacea	EC50 Water flea (<i>Daphnia magna</i>)	0.01 - 0.7 mg/l, 48 hours
Fish	LC50 Carp (<i>Cyprinus carpio</i>)	14.3 mg/l, 96 hours
Copper Compounds (CAS 7440-50-8)		
Aquatic		
Crustacea	EC50 Water flea (<i>Daphnia magna</i>)	0.036 mg/l, 48 hours
Fish	LC50 Fathead minnow (<i>Pimephales promelas</i>)	0.0319 - 0.0544 mg/l, 96 hours

Persistence and degradability: The product is not expected to be biodegradable.

Bioaccumulative potential: This product does not contain any substances expected to be bioaccumulating.

Mobility in soil: No data available.

Mobility in general: No data available.

Other adverse effects: None known.

13. Disposal considerations (Non-mandatory)

Disposal Instructions: All wastes must be handled in accordance with local, state and federal regulations.

Hazardous waste code: Not regulated.

Waste from residues /Unused products: Dispose of in accordance with local regulations

Contaminated packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport information (Non-mandatory)

DOT: Not regulated as dangerous goods.

IATA: Not regulated as dangerous goods.

IMDG: Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not available.

15. Regulatory information (Non-mandatory)

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)

Chromium Compound (CAS 7440-47-3) Listed

Copper Compounds (CAS 7440-50-8) Listed

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance: No

SARA 311/312 Hazardous chemical: Yes

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Copper Compounds	7440-50-8	100
Chromium Compound	7440-47-3	100

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Chromium Compound (CAS 7440-47-3)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

Not regulated

Safe Drinking Water Act (SDWA): Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Chromium Compound (CAS 7440-47-3)

Copper Compounds (CAS 7440-50-8)

US. New Jersey Worker and Community Right-to-Know Act

Chromium Compound (CAS 7440-47-3) 500 LBS

Copper Compounds (CAS 7440-50-8) 500 LBS

US. Pennsylvania RTK - Hazardous Substances

Chromium Compound (CAS 7440-47-3)

Copper Compounds (CAS 7440-50-8)

US. Rhode Island RTK

Chromium Compound (CAS 7440-47-3)

Copper Compounds (CAS 7440-50-8)

US. California Proposition 65: Not Listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No

Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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).

16. Other information, including date of preparation or last revision

The date of preparation of the SDS or the last change to it: September 15, 2016.

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