

SAFETY DATA SHEET

Date Prepared: May 2003 Revision Date: June 2013

SECTION 1: Manufacturer Identification

Product Number: 6200, 6202, 6296, K-73, 556

Material Safety Data Sheets By:

Mason Color Works, Inc. Phone: (330) 385-4400 250 East 2nd Street/P.O. Box 76 Fax: (330) 385-4488

East Liverpool, OH 43920-5076

HMIS Classification:

2*	
0	
0	
See Section 6	

^{*}Indicates possible chronic health effects.

SECTION 2: Identification of Product

Chemical Family: Inorganic

Product Names: Evergreen 6200, Florentine Green 6202, Dark Spruce Green 6296, Dark Green K-73, and Dark

Green 556

Chemical Abstract Number (CAS): 68187-49-5 Chemical Name: Cobalt Chromite - Spinel

Chemical Formula: CoCr₂O₂

SECTION 3 & 4: Hazardous ingredients Identity/Information and Overexposure Symptoms

ACGIH-TLVs OSHA PELs NOISHA RELs

Chrome Oxide (Cr2O3) 0.5 mg/m³ 0.5 mg/m³ 0.5 mg/m³

Cas # 1308-38-9

ACGIH: Not classifiable as a human carcinogen: Inadequate data on which to classify

the agent in terms of carcinogenicity in humans/animals.

SYMPTOMS OF OVEREXPOSURE:

Inhalation: Repeated prolonged exposure to trivalent compounds may cause delayed effects involving the respiratory system.

Eye Contact: Mechanical irritation to the eye may occur such as watering, reddening

do to exposure to fines.

Skin Contact: Expected to be non-irritating.

Ingestion: Considered to be non-irritating, non-toxic if swallowed.

ACGIH-TLVs OSHA PELs NOISHA RELS

Cobalt Oxide (Co_3O_4) 0.02 mg/m³ 0.5 mg/m³ N/A

Cas # 1308-06-1

ACGIH: Animal carcinogen: Agent is carcinogenic in experimental animals at dose levels, by route(s) of administration at site, or histologic type, or by mechanism considered relevant to workers exposure. Available epidemiologist studies do not confirm an increased risk of cancer in humans except under common levels of exposure.

SYMPTOMS OF OVEREXPOSURE:



Inhalation: Prolonged inhalation of dust or metal dust, and fume or mist containing cobalt may cause serious respiratory illness. May cause an irritation of respiratory organs of sensitive persons resulting in obstruction of airways with shortness of breath.

Eye Contact: May cause serious eye irritation.

Skin Contact: Prolonged exposure may produce irritation

Ingestion: Large amounts may cause irritation of the gastrointestinal tract, nausea, vomiting and

SiO₂ + 2

diarrhea.

ACGIH-TLVs OSHA PELs NOISHA RELs Silica, Crystalline (SiO2) 0.1 mg/m³ 10 mg/m³ 0.05 mg/m³ Cas # 14808-60-7

SYMPTOMS OF OVEREXPOSURE:

Inhalation:

- a) Prolonged exposure to respirable crystalline silica (quartz) can cause Silicosis, a fibrosis (scarring) of the lungs. Silicosis may be progressive; it may lead to disability and death. Silicosis increases risk of Tuberculosis.
- b) Inhaled from occupational sources is classified as carcinogenic to humans. (cancer)
- c) There is evidence that exposure to respirable crystalline silica or that the disease Silicosis is associated with increased incidence of Sceroderma, an auto-immune disorder manifested by fibrosis (scarring) of the skin and internal organs.
- d) There are several studies suggesting that exposure to respirable silica or that the disease Silicosis is associated with the increased incidence of kidney disorders. (Nephrotoxicity)

Eye Contact: May cause abrasions of the cornea.

Skin Contact: Not applicable **Ingestion:** Not applicable

SECTION 5: Emergency and First Aid Procedures

Eye: flush thoroughly with water for 15 minutes.

Skin: remove contaminated clothing; wash thoroughly with soap and water.

Inhalation: remove to fresh air, may give oxygen if needed.

Ingestion: give large amounts of water to induce vomiting, only in conscious persons.

IF THESE FIRST AID MEASURES FAIL, CONSULT A PHYSICIAN

Principal Routes of Entry:

<u>Inhalation:</u> Dust from this product may cause irritation of the respiratory system.

Overexposure may cause lung damage.

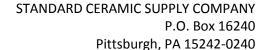
Ingestion: Large amounts may cause irritation of the gastrointestinal tract, nausea,

vomiting and diarrhea.

Skin & Eye: Nuisance dust, prolonged or repeated may cause irritation.

SECTION 6: Special Protection Information

Respiratory Protection: Use only NIOSHA/OSHA approved respiratory protection with adequate ventilation; avoid breathing dust. Do not exceed Occupational Exposure Limit. Wash thoroughly after handling. No food or beverage should be consumed in work area. Personal Protective Equip: Wear appropriate gloves and goggles to avoid skin and eye contact. Safety showers and eye stations must be present in work stations. Ventilation: Use local exhaust or mechanical such as a dust collector to maintain dust levels below Occupational Exposure Limits.





SECTION 7: Physical and Chemical Characteristics

Boiling Point: N/A Odor: Odorless

Solubility in water: trace Specific Gravity (water=1): N/A

Vapor Pressure (mmHg): N/A Evaporation rate: None Vapor Density (air=1): N/A % Volatile by volume: None

SECTION 8: Reactivity Data

Stability: Stable

Hazardous Polymerization: will not occur

Incompatibility: None

Hazard Decomposition of product: N/A

SECTION 9: Fire and Explosive Data

Flash point: N/A Flammable Limits:

<u>Unusual Fire and Explosion Hazard</u>: None expected. <u>Extinguishing Media</u>: Carbon Dioxide, dry chemical or water

Special Fire Fighting Procedures: Wear self-contained breathing apparatus when

large quantities involved.

SECTION 10: Spill or Leak Procedures

Contain spillage and scoop or vacuum. Avoid making dust, put in appropriate container for disposal. Waste disposal method in accordance with Federal, State and Local Laws.

This product is a blend of various metal oxides, salts and some compounds which are interfused by high calcinations to form the finished product. Section 3, Hazardous ingredients Identity/Information, and Section 4, Symptoms of Overexposure, pertain to individual components. Section 5 through Section 10 are in reference to the finished product.

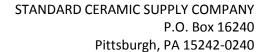
ALL retailers of this product are REQUIRED by law to supply their customers with a copy of material safety data sheet with initial purchase.

***SARA 313

This product contains certain oxides and compounds which are subject to reporting requirements of Superfund Amendment and Reauthorization Act (**SARA**) of 1986, Section 313 of the Emergency Planning and Community Right to Know Act and of 40 CRF, Part 372.

The information contained in this MSDS must be provided to every employee who is exposed to this product in any way. We recommend the user reads and understands the contents herein before using this material.

PLEASE KEEP ON FILE FOR FUTURE REFERENCE. DO NOT THROW AWAY! MSDS'S ARE REQUIRED FOR FIRST SHIPMENT, AND WILL BE SENT AGAIN WHEN REVISED UPON YOUR NEXT ORDER OF PRODUCT





OR BY REQUEST.

Standard Ceramic Supply Company uses Mason Color Works, Inc. stains and agrees with their Material Safety Data Sheets