

Product Number: 6207, 6219, 6268

Section 1: Manufacturer Identification

Mason Color Works, Inc.  
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H = 3  
F = 0  
R = 0

Section 2: Identification of Product

Chemical Family: Inorganic  
Product Names: Celeste Green 6207, French Green 6219, Sea Green 6268  
Chemical Abstract Number (CAS): 68187-49-5  
Chemical Name: Cobalt Chomite - Spinel  
Chemical Formula:  $CoCr_2O_4$

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

	ACGIH-TLVs	OSHA PELs	NOISHA RELs
<b>1</b> <b>Chrome Oxide (<math>Cr_2O_3</math>)</b> Cas # 1313-13-2	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>

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 de to exposure to fines.
- Skin Contact:** Expected to be non irritating.
- Ingestion:** Considered to be non-irritating , non-toxic if swallowed.

<b>2</b> <b>Cobalt Oxide (<math>Co_3O_4</math>)</b> Cas # 1396-06-1	0.02 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>	N/A
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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 epidemiologis 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 diarrhea.

<b>3</b> <b>Silica, Crystalline (<math>SiO_2</math>)</b> Cas # 14808-60-7	0.1 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> <hr/> SiO <sub>2</sub> + 2	0.05 mg/m <sup>3</sup>
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**Silica, Crystalline contd.**

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)





Last issued: 11/97  
Updated : 3/2000