

Product Number: 6029

## Section 1: Manufacturer Identification

Mason Color Works, Inc.  
250 East 2<sup>nd</sup> Street/P.O. Box 76  
East Liverpool, OH 43920-5076

Phone: (330) 385-4400  
Fax: (330) 385-4488

## Section 2: Identification of Product

Chemical Family: Inorganic  
Product Names: Persimmon 6029  
Chemical Abstract Number (CAS): 68186-88-9, 68201-65-0, 65997-18-4  
Chemical Name: Chrome Alumina Zinc Pink - Spinel  
Chemical Formula:  $Zn(Al,Cr)_2 O_4$

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

	ACGIH-TLVs	OSHA PELs	NOISHA RELs
Alumina Oxide ( $Al_2 O_3$ ) Cas # 1344-28-1	10 mg/m <sup>3</sup> (total)	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	N/A

ACGIH: The value for particulate matter containing no asbestos and 1% crystalline silica.

Symptoms of overexposure:

**Inhalation:** Acute may cause coughing and shortness of breath. Chronic may adversely effect breathing capacity.

**Eye Contact:** Direct contact may cause irritation.

**Skin Contact:** May cause abrasions.

**Ingestion:** May cause irritation.

<b>Chrome Oxide (<math>Cr_2 O_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>Iron Oxide (<math>Fe_2 O_3</math>)</b> Cas # 1309-37-1	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
--	---------------------	----------------------	---------------------

ACGIH: Not classifiable as a human carcinogen: Inadequate data on which to classify the agent in terms of its carcinogenicity in humans/animals. The value is for particulate matter containing no asbestos and 1% crystalline silica.

**Iron Oxide cont'd**

Symptoms of overexposure:

**Inhalation:** Repeated and prolonged exposure may cause beginnings Pneumoconiosis called Siderosis.

**Eye Contact:** May cause irritation.

**Skin Contact:** May cause mechanical skin irritation.

**Ingestion:** Expected to be non-toxic.

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

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 Scleroderma, 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.

<b>Zinc Oxide (ZnO)</b>	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> (Total)	5 mg/m <sup>3</sup>
Cas # 1314-13-2		5 mg/m <sup>3</sup> (Respirable)	

Symptoms of overexposure:

**Inhalation:** High levels of dust may result in tightness of chest, metallic taste, cough, dizziness, fever, chills, headache, nausea, and dry throat. Chronic exposure may produce symptoms known as metal fume fever or "zinc shakes", an acute, self-limiting condition without recognized complications. Symptoms of metal fume fever include: chills, fever, muscular pain, nausea and vomiting. May aggravate respiratory conditions.

**Eye Contact:** May cause irritation.

**Skin Contact:** May cause irritation.

**Ingestion:** May cause irritation to the gastro-intestinal tract.

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 PHYSICIAN!!!!!!!!!!!!!!!!!!!!!!

Principal Routes of Entry:

**Inhalation:** 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.



**The information contained in this Material Safety Data Sheet 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 ! MATERIAL SAFETY DATA SHEETS ARE REQUIRED FOR FIRST SHIPMENT, AND WILL BE SENT AGAIN WHEN REVISED UPON YOUR NEXT ORDER OF PRODUCT OR BY REQUEST.**

***DISCLAIMER***

***Mason Color Works, Inc. believes the information contained in this material safety data sheet is believed to be accurate and reliable as of the date of publication or revision but makes no warranty that it is. This information provided should be made available as required by the Federal OSHA Hazard Communication Standard 1910.1200 to ANYONE who handles, uses, stores, transports or will otherwise be exposed to this product. Mason Color Works, Inc. Accepts no Responsibility for the health or safety of any individual who misuses this product by not complying with manufacturer's instructions contained herein or additional /other measures that may be required under particular conditions.***

Last issued: 11/97

Updated : 3/2000