

**02959-4674****MATERIAL SAFETY DATA SHEET**

Re-packaged by GAMBLIN ARTISTS COLORS CO.  
PO Box 15009  
Portland, OR 97293

**Product: Powdered Pigment**  
**Color: Mars Orange**

**SECTION I -- PRODUCT IDENTITY**

Date updated: 8-22-07                      Emergency telephone No. 503/235-1945

Preparer's Name: R. Gamblin                      HMIS Information

Chemical name: Iron (III) Oxide                      Health: 1

Chemical formula: Fe<sub>2</sub>O<sub>3</sub>                      Flammability: 0

DOT Shipping class: Not regulated                      Reactivity: 0

**SECTION II -- HAZARDOUS INGREDIENTS**

Chemical & common name	CAS#	Wt%	OSHA PEL	ACGIH TLV
Iron Oxide Red	1309-37-1	>1	None est.	None est.
Iron Oxide Yellow	51274-00-1	>1	None est.	None est.
Iron Oxide Black	N/A	>1	None est.	None est.

Denotes a reportable chemical under 40 CFR 372, SARA Title III Section 313.

**SECTION III -- PHYSICAL CHARACTERISTICS**

Boiling Range: N/A                      Specific gravity: 5g/cm<sup>3</sup>

Vapor Pressure: N/A                      %Volatile (Volume):0

Vapor Density: N/A                      Evaporation Rate (BuOAc=I): N/A

Solubility (Specific solvents): Insoluble in water and most petroleum solvents

Appearance and odor: Orange powder, no odor.

**SECTION IV -- FIRE & EXPLOSION DATA**

Flash Point: N/A

Extinguishing firefighting procedures: firefighters would wear self-contained breathing apparatus.

Unusual fire & explosion hazards: None known

Reactivity: Produce is stable

Hazardous polymerization: Will not occur

Conditions to avoid: None known

Materials to avoid: None known

Hazardous decomposition products: N/A

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**SECTION V -- HEALTH HAZARD DATA**

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Route(s) of entry: Eye contact, inhalation

**ACUTE HEALTH EFFECTS**

Eye contact: May cause redness, irritation

Inhalation: Material is classified as a nuisance dust; may cause nasal irritation

Ingestion: No known adverse health effects

Skin contact: No known adverse health effects

**EMERGENCY FIRST AID PROCEDURES**

Eye contact: Wash with clean water for at least 15 minutes. If irritation persists, get medical attention

Inhalation: Remove individual to fresh air

Ingestion: Not applicable

Skin contact: Not applicable

**CHRONIC HEALTH EFFECTS**

Not listed as a carcinogen by the NTP, IARC, or OSHA; no adverse long-term effects are known.

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**SECTION VI -- SPILL OR LEAK PROCEDURES**

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Respiratory protection: respirator approved for nuisance dusts

Ventilation: Provide an adequate exhaust system that is filtered to avoid creating dust above the TLV

Protective gloves: None normally required

Eye Protection: Safety glasses with side shields if eye contact is likely

Other protective equipment: Eye wash fountain should be accessible if eye contact is likely.

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**SECTION VII -- STORAGE & HANDLING DATA**

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Precautions to be taken in handling and storing: do not store near food or drink

Other precautions: None usually required

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This MSDS conforms to OSHA Hazard Communication Standard 1900.1210 and to SARA Title III Section 313 for supplier notification. BLC 060893