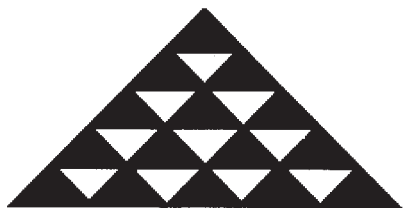


# MATERIAL SAFETY DATA SHEET



**Prism Pigments**  
 A Division on Mix Manufacturing, Inc.  
 1251 Arundel Street  
 St. Paul, MN 55117

PRISM PIGMENTS

## 1. IDENTIFICATION

<i>Trade name(s):</i>	Prism Pigments Iron Oxide Colors
<i>Chemical name(s):</i>	Blend of Hydrated and Unhydrated Iron Oxide
<i>Synonyms:</i>	Synthetic Iron Oxides, Iron Oxide Pigment
<i>Chemical formula:</i>	Mixture
<i>MSDS #:</i>	
<i>CAS:</i>	
<i>UN:</i>	

<i>Manufacturer:</i>	Prism Pigments 1251 Arundel Street St Paul, MN 55117
<i>Telephone Number:</i>	(651)488-4250
<i>Facsimile number:</i>	(651)488-6091

*Supplier:*

*Telephone Number:*

*Facsimile number:*

<b>Emergency Number:</b>	Poison Control Center	1-800-222-1222
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## 2. HAZARDOUS INGREDIENTS

May contain one or more of the following:

<i>Name</i>	<i>CAS #</i>	<i>% by weight</i>
Silicon Dioxide	7631-86-9	Less than 4%
Crystalline Silica	14808-60-7	Less than 4%
Maganite	1317-34-6	Less than 4%

## MATERIAL SAFETY DATA SHEET

3. HAZARDS IDENTIFICATION	
<i>Physical state &amp; appearance</i>	Solid powder
	Odorless
<i>Potential Acute Health Effects</i>	
<i>Eyes</i>	Contact may cause mechanical abrasion irritation.
<i>Skin</i>	Contact may cause mechanical abrasion irritation.
<i>Inhalation</i>	Inhalation on the dust may cause mechanical irritation to the respiratory tract.
<i>Ingestion</i>	Unknown.
<i>Potential Chronic Health Effects</i>	Prolonged exposure of amorphous silica may produce x-ray changes in the lungs without disability.

4. FIRST AID MEASURES	
<i>Product inhalation</i>	Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Contact a physician.
<i>Product in eye</i>	Flush thoroughly with large amounts of water for at least fifteen minutes. If irritation persists consult a physician.
<i>Product ingestion</i>	Consume large amounts of water, induce vomiting and consult a physician.
<i>Product on skin</i>	Wash skin with soap and water.
<i>Advice to physicians</i>	<b>Iron oxide is not known to produce any harmful effects if inhaled and if ingested it is not known to be fatal.</b>

5. FIRE-FIGHTING MEASURES	
<i>Auto-ignition temperature</i>	N/A
<i>Flash Points</i>	N/A
<i>Flammable Limits</i>	N/A
<i>Fire-fighting Media</i>	Material is not Combustible. Use extinguishing media suitable for other combustible materials in the area.
<i>Protective Clothing</i>	Fire fighters should be equipped with self-contained breathing apparatus. Under fire conditions irritating and/or toxic aerosol or gases may be present.
<i>Hazards</i>	N/A

6. ACCIDENTAL RELEASE MEASURES	
<i>Personal protection</i>	See section #8 Personal Protection / Exposure Controls
<i>Spillage</i>	Vacuum or scoop up spilled material and dispose of in appropriate waste container. Misting spill with water may help to keep airborne dust levels at a minimum. If dust is generated, use appropriate respiratory protection.
<i>Waste Disposal</i>	Waste material can be buried in an approved landfill in accordance with Federal, State, and Local environmental regulations. According to 40 CFR, Part 261 of the Resource, Conservation and Recovery Act (RCRA), this product is not classified as a hazardous material.

## MATERIAL SAFETY DATA SHEET

### 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling.
<b>Storage</b>	Store dry at ambient temperature away from food and beverages. Do not store near strong oxidizers, sources of heat, or near flammable or combustible materials.

### 8. PERSONAL PROTECTION / EXPOSURE CONTROLS

#### Engineering Control Measures

#### Personal Protection

<b>Eyes</b>	Safety glasses with side shields or goggles
<b>Ventilation</b>	Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit.
<b>Respiratory</b>	NIOSH approved for dusts and mists. Do not exceed use limits of the respirator.
<b>Hands</b>	Rubber, cloth, or plastic gloves if appropriate for job conditions.
<b>Other</b>	Eye wash stations and washing facilities should be available. Employees should wash their hands and face before eating, drinking, or using tobacco products.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Solid Powder
<b>Odour</b>	Odorless
<b>Molecular Mass</b>	N/A
<b>pH</b>	5 – 9 at 50 g/l water in aqueous suspension.
<b>Boiling Point/range</b>	N/A
<b>Melting Point/range</b>	Greater than 1832 degrees F (1000 degrees C)
<b>Flash Point</b>	N/A
<b>Flammable Limits</b>	N/A
<b>Explosive Properties</b>	N/A
<b>Vapour Pressure</b>	N/A
<b>Relative Vapour Density (air = 1)</b>	N/A
<b>Odour Threshold</b>	Odorless
<b>Specific Gravity</b>	Approx. 4 – 5 at 68 degrees F (20 Degrees C)
<b>Solubility – water</b>	Essentially Insoluble
<b>Viscosity</b>	N/A

### 10. STABILITY AND REACTIVITY

<b>Stability &amp; Reactivity</b>	This is a stable material.
<b>Conditions to Avoid</b>	At temperatures greater than 176F (80C) this product can become unstable and slowly autooxidize into Fe2O3.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	None known
<b>Hazardous Polymerisation</b>	Will not occur.

## MATERIAL SAFETY DATA SHEET

### 11. TOXICOLOGICAL INFORMATION

#### *Acute Animal Toxicity*

*Oral* Greater than 5000mg/kg (Rat)

*Dermal* Data not established for product.

*Inhalation* Data not established for product.

*Chronic Effects* Data not established for product.

#### *Other Information*

### 12. ECOLOGICAL INFORMATION

*Ecotoxicity* Not available

*BOD5 & COD* Not available

*Biodegradation* Not available

*Bioaccumulation* Not available

*Mobility* Not available

### 13. DISPOSAL CONSIDERATIONS

*Disposal methods* Material that cannot be recycled into your process should be landfilled in accordance with federal, state, and local environmental control regulation.

### 14. TRANSPORT INFORMATION

*Technical shipping name* Inorganic oxide

*Freight class bulk* Iron oxide, NOI

*Freight class package* Iron oxide, NOI

*Product Label* Code number

*DOT shipping name* None

*DOT hazard class* Non-Regulated

*UN/NA Number* None

*Product RQ (lbs)* None

*DOT Label* Non-Regulated

*DOT placard* Non-Regulated

*IMO/IMDG code (Ocean)* Non-Regulated

*ICAO/IATA code (Air)* Non-Regulated

*IATA – Subsidiary Risk(s)* Not available

*Tremcard No.* Non-regulated material

**MATERIAL SAFETY DATA SHEET****15. OTHER INFORMATION***Version 1.0**Preparation date 10/10/01* Reviewed 7/1/2007**EXCLUSION OF LIABILITY**

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