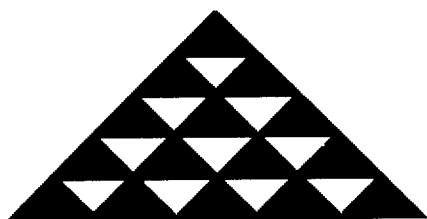


MATERIAL SAFETY DATA SHEET



P R I S M P I G M E N T S

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

1. IDENTIFICATION

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

Manufacturer: Prism Pigments
 1251 Arundel Street
 St Paul, MN 55117

Telephone Number: (651)488-4250
Facsimile number: (651)488-6091

Supplier:

Telephone Number:
Facsimile number:

Emergency Number:

Poison Control Center

1-800-222-1222

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 & 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>	Iron oxide is not known to produce any harmful effects if inhaled and if ingested it is not known to be fatal.

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

Handling	Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly after handling.
Storage	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

Eyes	Safety glasses with side shields or goggles
Ventilation	Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit.
Respiratory	NIOSH approved for dusts and mists. Do not exceed use limits of the respirator.
Hands	Rubber, cloth, or plastic gloves if appropriate for job conditions.
Other	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

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

10. STABILITY AND REACTIVITY

Stability & Reactivity	This is a stable material.
Conditions to Avoid	At temperatures greater than 176F (80C) this product can become unstable and slowly autooxidize into Fe2O3.
Incompatible Materials	None known.
Hazardous Decomposition Products	None known
Hazardous Polymerisation	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

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.