MATERIAL SAFETY DATA SHEET

DGS

Dynamic Color Solutions

REPORTABLE COMPONENTS

Product Code: RIO-0050-BAG

Product Name: Red Iron Oxide 50 lb Bag

HMIS CODES: H F R P

1*1 1 E

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SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ADDRESS:

Dynamic Color Solutions, Inc. 2024 S. Lenox Street

Milwaukee, WI 53207

EMERGENCY PHONE : 414-769-2580 DATE PRINTED : 3/12/2008 INFORMATION PHONE : 414-769-2580 APPROVED BY: Cathy Higgins

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

VAPOR PRESSURE WEIGHT

CAS NUMBER mm Hg @ TEMP PERCENT

* Iron Oxide 1309-37-1 NA NA Range Not Found

Iron Oxide 1309-37-10SHAPEL10mg/m3ACGIHTLV5mg/m(TWA)80-99%Fe203

 ${\tt Silica, Crystaline Quart (respirable) 14808-60-70SHAPEL10mg/m3\%SiO2+2ACGIHTLV}$

.05mg/m3TWA1-9%SiO2Aluminum Oxide(tota)1344-28-1 OSHA15mg/m3ACGIHTLV10mg/m3

 $.5-3\$A1203, \texttt{Magnesium Oxide}1309-48-4\texttt{ACGIH}10\texttt{mg/m3TWA .1-1}\$ \ \texttt{MgO Calcium Oxide}$

1305-78-8 OSHA PEL 5 mg/m3 ACGIH TLV2 mg/m3 TWA .1-1% CaO $\,$

OSHA PEL May vary depending on concentration. 29GFR1910.1000 Table Z3 $\,$

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: SPECIFIC GRAVITY (H2O=1):

N/A 5.

VAPOR DENSITY: EVAPORATION RATE:

N/A

COATING V.O.C.:0.0 lb/ql
0.0 lb/ql

SOLUBILITY IN WATER:

Insoluble

APPEARANCE (SOLID, LIQUID, GAS) AND ODOR:

Solid-Powder, Odorless

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: METHOD USED:

N/A N/A

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: UPPER: N/A N/A

EXTINGUISHING MEDIA:

All Media - No Fire Hazard

SPECIAL FIREFIGHTING PROCEDURES

Use appropriate extinguishing media for the combustible material involved.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Firefighters should use self contained breathing apparatus.

SECTION V - REACTIVITY DATA

STABILITY:

MATERIAL SAFETY DATA

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Product Code:

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Red Iron Oxide 50 lb Bag Product Name:

Stable

CONDITIONS TO AVOID

None

INCOMPATIBILITY (MATERIALS TO AVOID)

None

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

None

HAZARDOUS POLYMERIZATION:

Does not occur.

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause irritation of mucous membrane or delyaed respiratory disease if dust is inhaled over a prolonged period of time.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause mechanical skin and eye irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

(Acute/chronic) Ingestion of large amounts may cause intestinal distress.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Prolonged or repeated exposure may cause lung injury including silicosis. product may contain crystalline silica. Prolonged exposure to crystalline silica has caused cancer in labratory animals. Some human studies indicate potential for lung cancer from crystalline silica exposure. Risk of injury depends on duration and level of exposure.

CARCINOGENICITY:

NTP CARCINOGEN: IARC MONOGRAPHS: OSHA REGULATED:

Yes(Silica)

****This product is considered a carcinogen by one or more of the following: IARC, NTP, ACGIH, or OSHA****

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Person with impaired respiratory function may be more susceptible to the effect of this substance.

EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Flush eyes with generous amounts of water for at least 15 minutes. Call a physician if irritation persists.

Skin Contact: Wash skin with soap and water.

Inhalation: Remove to fresh air. Call a physician.

Ingestion: If conscious, give large amounts of water to induce vomiting. Get

medical attention.

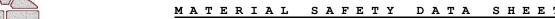
SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Material can be handled as normal solid waste; scoop up and place in waste container.

WASTE DISPOSAL METHOD

Waste material can be buried in an approved landfill or handled as inert waste



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in accordance with Federal, State and local environmental regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store dry at ambient temperatures away from food and drink.

OTHER PRECAUTIONS

None

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

Type 3M or equal; NIOSH, OSHA approved.

VENTILATION

Local exhaust to remove airborne dust.

PROTECTIVE GLOVES

Rubber, cloth or plastic.

EYE PROTECTION

Safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

None

WORK/HYGIENIC PRACTICES

In accordance with good industrial hygiene practice, avoid contact with skin, eyes or clothing. Avoid breathing dust. Keep away from food products. Keep containers closed when not in use. Use with adequate ventilation. Wash thoroughly after handling and before eating, drinking, or using any tobacco products.

SECTION IX - DISCLAIMER

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