

M A T E R I A L S A F E T Y D A T A S H E E T

Blackox "F" 50 lb Bag

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PRODUCT NAME: Blackox "F" 50 lb Bag

PRODUCT CODE: 1436-0050-BAG

BLK
IronHMIS CODES: H F R P
0 0 0 E

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: Dynamic Color Solutions, Inc.

ADDRESS : 2024 S. Lenox Street
Milwaukee, WI 53207

EMERGENCY PHONE : 414-769-2580

DATE PRINTED : 03/12/97

INFORMATION PHONE : 414-769-2580

APPROVED BY: Cathy Higgins

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
Magnetite Iron Ore Fe3O4	1309-38-2		NON HAZARDOUS
Magnetite(Fe3O4)94-97% OSHA PEL 10 mg/M3 (dust) ACGIH TLV 5.0 mg/M3 (fume)			
Quartz (SiO2) 1-3.5% OSHA PEL .1 mg/M3 (resp.dust) ACGIH TLV .1mg/M3			
Other Metal Oxides .2-3% OSHA PEL N/A OACGIH TLV .05 mg/M3 (resp. dust)			

*** 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: N/A	SPECIFIC GRAVITY (H2O=1): 5.10
VAPOR DENSITY: N/A	EVAPORATION RATE: N/A
COATING V.O.C.: 0.00 lb/gl	MATERIAL V.O.C.: 0.00 lb/gl
SOLUBILITY IN WATER: Insoluble	
APPEARANCE (SOLID, LIQUID, GAS) AND ODOR: Solid-Powder, Odorless	

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: N/A METHOD USED: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: 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: Stable
CONDITIONS TO AVOID

None

INCOMPATIBILITY (MATERIALS TO AVOID)

None

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

None

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HAZARDOUS POLYMERIZATION: Does not occur.

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause irritation of mucous membrane or delayed 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

None

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. This product may contain crystalline silica. Prolonged exposure to crystalline silica has caused cancer in laboratory 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: No IARC MONOGRAPHS: Yes (Silica)
OSHA REGULATED: No

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None

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 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.

M A T E R I A L S A F E T Y D A T A S H E E T**Blackox "F" 50 lb Bag****Page: 3****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 practices, 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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