

SAFETY DATA SHEET

MESA INDUSTRIES
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SECTION 1. IDENTIFICATION

Product Identification:

Product Name: BLACK OXIDE
Product Code: MM-84143D
Recommended Use: Color Concentrate

Company Identification:

Address: Mesa Industries
230 N 48th Avenue
Phoenix, AZ 85043
Information Phone: 1-602-269-3199
Emergency Phone: 1-602-269-3199

SECTION 2. HAZARD(S) IDENTIFICATION

Hazard Classification: No need for classification according to GHS criteria for this product.
Signal Word: None.
Hazard Statement(s): This mixture does not meet the criteria for classification.
Pictograms: None applicable.
Precautionary Statement(s): This mixture does not meet the criteria for classification.
Hazard(s) Not Otherwise Classified: Molten material may cause thermal burns.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	% by Wt.
PIGMENTS	PROPRIETARY BLEND	100%

Specific chemical identities and/or exact concentrations have been withheld for proprietary custom formulations representing trade secrets.

SECTION 4. FIRST-AID MEASURES

Inhalation: Inhalation of dust or fumes may irritate the nose, throat, and upper respiratory tract. In severe cases, remove to fresh air immediately. Call a physician if symptoms develop or persist.

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Ingestion: Rinse mouth. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person.

Skin Contact: May cause skin irritation if in contact for extended periods of time. Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye Contact: Flush eyes with water for at least 15 minutes.

Symptoms of Chronic Exposure: None known.

Aggravation of Pre-existing Conditions: None known.

SECTION 5. FIRE-FIGHTING MEASURES

Fire Hazard: Not considered to be a fire hazard.

Explosion Hazard: Not considered to be an explosion hazard.

Suitable Extinguishing Media: Carbon Dioxide (CO₂). Halogenated agents. Water fog. Foam. Use fire-extinguishing media appropriate for surrounding materials.

Hazardous Combustion Products: None known. There is a possibility of exposure to smoke, fumes, or hazardous decomposition products.

Fire-fighting Equipment: Firefighters should wear self-contained breathing apparatus and protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment during all clean-up activities.

Spills: Sweep up spilled material and place into container for recovery or disposal according to Federal, State, or local procedures.

Environmental Precautions: Keep spilled material out of sewage/drainage systems and waterways.

SECTION 7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Practice good housekeeping.

Storage: Store in cool dry area away from heat and open flame.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: Not applicable.

Exposure Controls: None required under normal conditions of use.

General Protective and Hygienic Measures: Wash thoroughly after handling.

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Respiratory Protection: None required under normal conditions of use.

Skin Protection: Wear chemical resistant gloves. Wear heat resistant gloves when applicable. Wear impervious protective clothing to prevent skin contact.

Eye Protection: Wear safety glasses with side shields.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black Powder

Flammability Limit – Upper: Not Applicable

Flammability Limit – Lower: Not Applicable

Explosive Limit – Upper: Not Applicable

Explosive Limit – Lower: Not Applicable

Odor: Not Applicable

Odor Threshold: Not Applicable

Vapor Pressure: Not Applicable

Vapor Density: Not Applicable

pH: Not Applicable

Relative Density: Not Applicable

Melting Point: Not Applicable

Freezing Point: Not Applicable

Solubility: Partially soluble in Water

Boiling Point: Not Applicable

Flash Point: Not Applicable

Evaporation Rate: Not Applicable

Flammability (Solid, Gas): Not Applicable

Partition Coefficient – n-octanol/water: Not Applicable

Auto-ignition Temperature: Not Applicable

Decomposition Temperature: Not Applicable

Viscosity: Not Applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity: This product is non-reactive under normal conditions of use, storage, and transport.

Stability: This product is stable under normal conditions of use, storage, and transport.

Incompatibility: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition may generate Carbon Dioxide, Carbon Monoxide, and noxious gases.

Hazardous Polymerization: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

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Primary Routes of Exposure: Inhalation of dusts or fumes may cause respiratory irritation. Not expected to cause skin irritation. Expected to be a low ingestion hazard.

Effects of Short-term Exposure: None expected.

Effects of Long-term Exposure: None known.

Acute Toxicity: Virtually nontoxic after a single ingestion. The product has not been tested. The statement has been derived from products of a similar composition.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.

Carcinogenicity:

OSHA Regulated Carcinogens or Potential Carcinogens (29 CFR 1910)

Ingredient	%
None present.	

Chemical manufacturers are obligated to list a product as containing a carcinogenic substance if a constituent element makes up more than 0.8% of the product. A mixture shall be assumed to present a carcinogenic hazard if it contains a component in concentrations of 0.1% or greater.

SECTION 12. ECOLOGICAL INFORMATION

Environmental Toxicity: Not available.

Persistence and Degradability: Not available.

Bioaccumulation Potential: Not available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of spilled material in accordance with all Federal, State, and local regulations.

SECTION 14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT): Not regulated as dangerous goods.

International Maritime Dangerous Goods (IMO/IMDG): Not regulated as dangerous goods.

International Air (ICAO/IATA): Not regulated as dangerous goods.

Transport in Bulk: Not regulated as dangerous goods.

SECTION 15. REGULATORY INFORMATION

U.S. Federal Regulations: All components of this mixture are listed on the U.S. EPA TSCA Chemical Substance Inventory.

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OSHA: This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.

CERCLA/SARA Hazard Category: Not listed.

HMIS Rating:

Health:	0
Flammability:	1
Physical Hazard:	0

SECTION 16. OTHER INFORMATION

SDS Prepared by: Mesa Industries, Inc.

Manufacturer Disclaimer: Mesa Industries, Inc. provides the information within this SDS correctly to the best of our knowledge at the date of its publication. Mesa Industries, Inc. makes no guarantee as to its accuracy, reliability, or completeness, and assumes no legal responsibility for damages resulting from its use. This document is intended to be used only as a guide to safe and appropriate handling of the material.