



# Material Safety Data Sheet

## M-909 Black Dye Dispersion

### 1. Product and Company Information

**Product Name:** Black Dye Dispersion  
**Product Code:** M-909  
**Manufacturer:** Custom Milling & Consulting, Inc.  
1246 Maiden Creek Road  
Fleetwood, PA 19522  
**Phone:** 610-926-0984  
**Fax:** 610-926-0989  
**Emergency Phone:** 610-926-0984

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	--

### 2. Composition / Information on Ingredients

Name	CAS #	% by Weight
Carbon Black	001333-86-4	30 to 40
Water	007732-18-5	50 to 70
Surfactant	Proprietary	1 to 10

### 3. Hazards Identification

**Physical State and Appearance** Black Liquid Dispersion

#### Potential Health Effects

**Eyes** Contact may cause irritation.

**Skin** Brief contact may cause slight skin irritation with local redness.

**Skin Absorption** Prolonged skin contact is unlikely to result in absorption of harmful amounts.

**Ingestion** Irritating to mouth, throat and stomach.

**Inhalation** At room temperature, exposure to vapor is minimal due to low volatility; vapor from heated material may cause respiratory irritation. This material contains mineral and/or inorganic fillers. There is essentially no potential for inhalation exposure to these fillers incidental to industrial handling due to the physical state.

**Irritancy** Very mild (if any) eye/skin irritant.



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### 4. First Aid Measures

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- Eyes** Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult physician, preferably an ophthalmologist.
- Skin** Wash with soap and water. Get medical attention if irritation develops or persists.
- Ingestion** Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.
- Inhalation** Move person to fresh air; if effects occur, consult a physician.
- Antidotes** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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### 5. Fire Fighting Measures

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- Flash Point (and method used)** NA = Not Applicable
- Extinguishing Media** Water fog or fine spray. Carbon dioxide fire extinguishers. Dry chemical fire extinguishers.
- Special Fire Fighting Procedures** As when fighting any fire, fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
- Unusual Fire and Explosion Hazards** None expected.
- Hazardous thermal (de)composition products** Decomposition products can include and are not limited to: Carbon monoxide. Carbon dioxide.

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### 6. Accidental Release Measures

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- Small Spill and Leak** Contain spilled material if possible. Absorb with materials such as: cat litter, sand, and sawdust.
- Environmental Precautions** Water Spill – None expected.  
Land Spill – None expected.  
Air Spill – None expected.



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### 7. Handling and Storage

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<b>General Procedures</b>	None.
<b>Handling</b>	Store in adequate storage area at ambient temperature.
<b>Storage</b>	Keep container closed to prevent drying out.
<b>Storage Temperature</b>	Ambient.
<b>Loading Temperature</b>	Ambient.

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### 8. Exposure Controls / Personal Protection

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<b>Eye and Face</b>	Used safety glasses.
<b>Skin</b>	Wash thoroughly after handling.
<b>Respiratory</b>	This material does not have established exposure limits. Wear a positive pressure air-supplied respirator in situations where there may be potential for airborne exposure.
<b>Protective Clothing</b>	Gloves, coveralls, apron, boots as necessary to prevent skin contact as needed.

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### 9. Physical and Chemical Properties

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<b>Physical State</b>	Liquid
<b>Color</b>	Black
<b>Odor</b>	Mild
<b>Appearance</b>	Black Liquid
<b>pH</b>	7.5 to 9.5 pH
<b>Percent Volatile</b>	No test data available.
<b>Flashpoint and Method</b>	NA = Not Applicable
<b>Solubility in Water</b>	Dispersible



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### 10. Stability and Reactivity

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<b>Stability</b>	This product is stable.
<b>Hazardous Polymerization</b>	No.
<b>Stability</b>	Stable.
<b>Polymerization</b>	None expected.

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### 11. Toxicological Information

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<b>Eye Effects</b>	May cause eye irritation.
<b>Skin Effects</b>	May cause skin irritation.

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### 12. Ecological Information

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<b>Environmental Data</b>	Not established.
<b>Ecotoxicological Information:</b>	Carbon Black – Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50 > 100 mg/L in the most sensitive species tested.)  <b>Fish Acute &amp; Prolonged Toxicity</b> LC50, golden orfe ( <i>Leuciscus idus</i> ): 1,000 mg/l <b>Aquatic Invertebrate Acute Toxicity</b> EC50, water flea <i>Daphnia magna</i> , immobilization: . 5,600 mg/l

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### 13. Disposal Considerations

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This material and its containers must be disposed of in a safe and environmentally responsible way. Water must be disposed of in accordance with federal, state and local environmental control regulations. Do not allow product to reach sewage system/surface or ground water..

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### 14. Transportation Information

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<b>DOT Classification</b>	Not Regulated by DOT
<b>Other Requirements</b>	N/A

