

**Material Safety Data Sheet**  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072



**IDENTITY** (As Used on Label and List) (All standard and Fiebing's Leather Dye (#200 series colors (except white and grey))

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name Fiebing Company, Inc.	Emergency Telephone Number 800-424-9300
Address (Number, Street, City, State, and ZIP Code) 516 South 2nd Street Milwaukee, WI 53204-0125	Telephone Number for Information (414) 271-5011
	Date Prepared June, 1992
	Signature of Preparer (optional)

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Diethylene Glycol Monoethyl Ether (CAS No. 111-90-0)	N.E.	N.E.	N/A	7-14
Ethanol (CAS No. 64-17-5)	1000 ppm	1000 ppm	N/A	69-75
Isopropanol (CAS No. 67-63-0)	400 ppm	400 ppm	N/A	7-8
*Methanol (CAS No. 67-56-1)	200 ppm	200 ppm	N/A	3-4
Metal Oxide Pigment, may include Ferric Oxide or Zinc Ferrite depending on color.	N.E.	10 mg/m <sup>3</sup>	N/A	4

\*Subject to reporting requirements of Superfund Amendment and Reauthorization Act of 1986, Title III, Section 313, Emergency Planning and Community Right-To-Know and 40CFR372.

**Section III — Physical/Chemical Characteristics**

Boiling Point Range °F 172-212	Specific Gravity (H <sub>2</sub> O = 1) Approx. 0.82
Vapor Pressure (mm Hg.) Approx . 40 mm	Melting Point N/A
Vapor Density (AIR = 1) >1	Evaporation Rate (Butyl Acetate = 1) N.D.

Solubility in Water  
Appreciable

Appearance and Odor  
Variously colored liquids, characteristic alcohol odor.

**Section IV — Fire and Explosion Hazard Data**

Flash Point (Method Used) 60°F T.C.C.	Flammable Limits For ethyl alcohol	LEL 3.3	UEL 19.0
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Extinguishing Media

Water spray (fog), dry chemical, carbon dioxide, foam.

Special Fire Fighting Procedures

Use NIOSH approved self-contained breathing apparatus and full protective clothing.

Use water spray to cool fire exposed containers and structures.

Unusual Fire and Explosion Hazards

Vapor from this product may travel by air currents and be ignited by ignition sources at locations distant from handling point.

Fiebing's Leather Dye (All standard and #200 colors except white and grey)

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	Avoid heat, flame and other sources of ignition.

Incompatibility (Materials to Avoid) Avoid contact with aluminum surfaces. Avoid strong oxidizing agents and strong caustic.

Hazardous Decomposition or Byproducts Burning may produce oxides of carbon and nitrogen and unidentified organic compounds.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None known.

**Section VI — Health Hazard Data**

Route(s) of Entry:                      Inhalation?                      Skin?                      Ingestion?  
Not established.

Health Hazards (Acute and Chronic) Eye contact-may cause irritation. Skin contact-may cause irritation. Inhalation-may cause dizziness, drowsiness, nausea and vomiting. Ingestion-causes dizziness, drowsiness, decreased reaction, euphoria, nausea, vomiting, staggering gait, coma. May also cause liver and kidney damage.

Prolonged or repeated skin contact may also cause liver and kidney damage.

Carcinogenicity:                      NTP?                      IARC Monographs?                      OSHA Regulated?  
No known carcinogens in product ingredients.

Signs and Symptoms of Exposure  
Irritation and physical signs as noted above. Kidney damage may be evidenced by changed in urine output and appearance or edema. Liver damage may be evidenced by loss of appetite, jaundice or possible upper abdomen pain.

Medical Conditions  
Generally Aggravated by Exposure Preexisting skin and eye disorders may be aggravated. Preexisting impaired liver and kidney disorders may be aggravated.

Emergency and First Aid Procedures Eyes-immediately flush with water for 15 minutes. Call a physician. Skin-wash with soap and water. Inhalation-remove to fresh air, artificial respiration if needed. Call a physician. Ingestion-if conscious, give 2 glasses of water, induce vomiting. Get medical attention.

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled  
Caution - flammable. Eliminate all sources of ignition. Provide adequate ventilation or use NIOSH approved respirator. Absorb with appropriate inert material. Flush with water.

Waste Disposal Method  
Dispose of according to federal, state, county and local regulations.

Precautions to Be Taken in Handling and Storing Store closed container in well ventilated area away from heat and all sources of ignition. Ground fixed and transfer equipment. Vapors may accumulate and travel to distant ignition sources. Empty containers may contain explosive vapors.

Other Precautions  
Keep out of reach of children. Do not take internally. Wash thoroughly after handling.  
Use with adequate ventilation, avoid breathing vapors.

**Section VIII — Control Measures**

Respiratory Protection (Specify Type)  
In high concentration areas, use NIOSH approved self contained breathing apparatus.

Ventilation	Local Exhaust	Special
	Preferred	Explosion-proof ventilation.
	Mechanical (General)	Other
	Adequate	None

Protective Gloves: Impervious                      Eye Protection: Chemical safety goggles.

Other Protective Clothing or Equipment  
As required to minimize contact. Eye wash fountain, safety shower.

Work/Hygenic Practices  
Handle with due care. Lung deposition of pigment is possible in spraying operations. Inflammation of lungs may result.