

## Material Safety Data Sheet

Fiebing Company, Inc., Milwaukee, WI 53204

Phone #: (414) 271-5011

Emergency Phone: 1-800-424-9300

Product Code:

Product Name: Professional Oil Dyes (various colors)

Effective Date: 11/19/08 Date Printed: 11/19/08 MSDS #:

Please be advised, due to California regulations limiting the VOC content in retail products, this item in your shipment may not be sold to a retail customer. This item, that is bound by these regulations, is intended for commercial use only, and shall not be re-sold nor placed on a retail shelf at any time in the State of California.

### 1. Ingredients

<u>Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>%</u>
Diethylene Glycol Monomethyl Ether	111-90-0	None established	None established	> 15.0
Dipropylene Glycol Monoethyl Ether	34590-94-8	100 ppm 150 ppm STEL	100 ppm	> 1.0
Propylene Glycol Methyl Ether	107-98-2	None established	100 ppm	> 1.0
Ethanol	64-17-5	1000 ppm	1000 ppm	> 30.0
Isopropanol	67-63-0	400 ppm	400 ppm	> 5.0
Xylene	1330-20-7	100 ppm	100 ppm	< 6.0
Ethyl Benzene	100-41-4	100 ppm	100 ppm	< 1.0
Ethyl Acetate	107-98-2	None established	100 ppm	< 7.0
Cobalt and Chromium Complex	Proprietary mixtures	----	-----	< 7.0

### VOC CONTENT: 6.85 Lbs/Gal

Unless otherwise noted, all values are reported as 8 hour Time-Weighted Averages (TWAs)  
 This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed.  
 Where proprietary ingredient shows, the identity may be made available as provided in this standard.

### 2. Physical Data

BOILING POINT:	Not available
VAPOR PRESSURE:	Not available
VAPOR DENSITY:	Not available
SOLUBILITY IN WATER:	Negligible
SPECIFIC GRAVITY:	0.865 - 0.885

APPEARANCE: Varies colored liquids  
ODOR: Characteristic alcohol odor

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**3. Fire And Explosion Hazard Data**

FLASH POINT: 53 Deg.F  
METHOD USED: T.C.C.

FLAMMABLE LIMITS: (For Ethyl alcohol)

LEL: None established  
UEL: None established

EXTINGUISHING MEDIA: Water spray (fog), dry chemical,  
Carbon dioxide, foam.

FIRE & EXPLOSION HAZARDS: Vapors form from this product and may settle in low places, travel along the ground, or move by air currents to be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges, or other ignition sources at locations distant from handling point. Product contains alcohol, therefore flames might be difficult to see because they are virtually colorless.

FIRE-FIGHTING EQUIPMENT: Use self-contained breathing apparatus. Wear full protective clothing. Use water spray to cool fire-exposed containers and structures.

**4. Reactivity Data**

STABILITY: Stable  
(CONDITIONS TO AVOID): Heat, ignition sources, fire.

INCOMPATIBILITY(SPECIFIC MATERIALS TO AVOID): Avoid contact with oxidizing agents, strong caustics, aluminum surfaces, copper or copper alloys on carbon steel and elements 24 thru 30..

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon, fumes, smoke and asphyxiants.

HAZARDOUS POLYMERIZATION: May occur  
CONDITIONS TO AVOID: Heating in presence of ozone or  
percompounds.

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**5. Environmental and Disposal Information**

ACTION TO TAKE FOR SPILLS / LEAKS: CAUTION! FLAMMABLE.  
Eliminate all sources of ignition. Provide adequate  
ventilation or use NIOSH approved respirator and  
protective clothing. Absorb with appropriate inert  
material. Flush with water. Prevent material from  
contaminating local water sources or sewerage.

DISPOSAL METHOD: Dispose of in accordance with Federal,  
State, County and Local regulations.

**6. Health Hazard Data**

EYE: Irritation. Corneal injury.

SKIN CONTACT: May cause irritation. Prolonged or repeated  
skin contact with this product tends to remove skin oils,  
possibly leading to irritation and Dermatitis.

INGESTION: Nausea, vomiting, diarrhea, drowsiness,  
cramps, incoordination, loss of consciousness, difficulty  
with speech, central nervous system depression.

INHALATION: High vapor concentration (greater than 100  
ppm) is irritating to eyes and the respiratory tract. May  
cause dizziness, drowsiness, headache, nausea and  
vomiting. May have anaesthetic and other central nervous  
system effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE:  
Pre-existing skin and eye disorders may be aggravated.

## 7. First Aid

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a Physician.

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SKIN: Flush skin with water. Remove and wash contaminated clothing promptly.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician immediately.

## 8. Handling Procedures

EXPOSURE GUIDELINE(S): See section 1

VENTILATION: Local exhaust: Preferred to maintain  
Recommended TLV/PEL  
Mechanical(General): Adequate  
Special: Explosion proof equipment.

RESPIRATORY PROTECTION: Use an appropriate NIOSH/MSHA approved respirator following manufacturer's recommendation if PEL/TLV is exceeded.

SKIN PROTECTION: Impervious protective gloves and appropriate clothing to minimize contact.

EYE PROTECTION: Chemical safety goggles.

OTHER PROTECTIVE EQUIPMENT: Eye wash fountain, safety shower.

## 9. Additional Information

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

**WARNING!** Causes eye irritation. Flammable liquid. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use with adequate ventilation. Keep away from heat, sparks and flame. Wash thoroughly after handling. Keep containers closed. Avoid prolonged or repeated contact with skin. Store in cool, dry,

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ventilated area. Normal precautions common to good manufacturing practice. Equipment and containers should be bonded and grounded when transferring or using material. Empty containers should not be exposed to fire, sparks or flame as residual vapors may be explosive. FOR INDUSTRY USE ONLY. Separate from oxidizing materials. Since empty packages retain product residue, follow label warning even after package is emptied. Use explosion-proof electrical fixtures. Use only non-sparking tools.

OTHER PRECAUTIONS: Do not ingest. The Bureau of Alcohol, Tobacco and Firearms (Dept. of the Treasury) regulates the production, procurement, storage and use of Ethyl alcohol products. All uses must comply with these regulations. Contact lenses should not be worn.

**REGULATORY INFORMATION:** (Not meant to be all-inclusive - selected regulations represented.)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSDS Sheet for health and safety information.

**U.S. Regulations:**

This product contains the following ingredients subject to the reporting requirements of Section 313 (Title III) of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>Component</u>	<u>CAS#</u>	<u>% by wt.</u>
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Diethylene Glycol Monoethyl Ether (Glycol Ether Category)	111-90-0	22.00
Xylene	1330-20-7	5.35
Cobalt and Chromium complex	Mixture	6.50