

Material Safety Data Sheet

Fiebing Company, Inc., Milwaukee, WI 53204

Phone #: (414) 271-5011

Emergency Phone: 1-800-424-9300

Product Code:

Product Name: Institutional Dye Various Colors except Black

Effective Date: 03/08/11 Date Printed: 03/08/11 MSDS #:

1. Ingredients Health - 1. Fire - 0. Reactivity - 0.

<u>NAME</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGH-TLV</u>	<u>%W/W</u>
1-Methoxy-2-popropanol	107-98-2	N.E.	100 ppm TWA 150 ppm STEL	< 5.0
Butyl carbitol	112-34-5	N.E.	N.E.	< 7.0
Cr +3 in Chrome Complex dye	7440-47-3	1 mg/cu.m TWA	0.5 mg/cu.m TWA	< 0.2
Cu+2 in copper Complex dye	7440-50-8	1 mg/cu.m TWA	1 mg/cu.m TWA	< 0.2
N-Methylprolidone	872-50-4	N.E.	N.E.	< 1.5

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 done
VAPOR PRESSURE: Not done
VAPOR DENSITY: Not done
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 0.997
APPEARANCE: Various colored liquids, except for Black.
ODOR: Mild Characteristic Odor.

3. Fire And Explosion Hazard Data

FLASH POINT: Non flammable.
METHOD USED: Estimated from the ingredient in the formula with the lowest flash point.

FLAMMABLE LIMITS

LFL: Not determined.
UFL: Not determined.

EXTINGUISHING MEDIA: All purpose type foam, Carbon Dioxide, dry chemical or Water Spray (fog).

Page 2 of 5

UNUSUAL FIRE & EXPLOSION HAZARDS: None

FIRE-FIGHTING EQUIPMENT/PROCEDURE: Wear self-contained breathing apparatus. Use water spray to cool fire.

4. Reactivity Data

STABILITY: (CONDITIONS TO AVOID): Stable. (None known.)

INCOMPATIBILITY(SPECIFIC MATERIALS TO AVOID). None known.

HAZARDOUS DECOMPOSITION PRODUCTS:CO, CO2 and Nox.

HAZARDOUS POLYMERIZATION: Will not occur.

5. Environmental and Disposal Information

SPILL/LEAK PROCEDURES: Spills should be contained and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA ("Superfund"). When product is properly discharged to Biological waste water treatment plants, it should not cause any disturbances in the degradation activity of the activated sludge. Wear appropriate protective clothing and provide adequate ventilation during clean-up.

WASTE DISPOSAL: Dispose of according to Federal, State, County and local regulations. Do not discharge into waterways or sewer systems without proper authority.

6. Health Hazard Data (Routes of entry)

EYE CONTACT: Direct contact may cause irritation including conjunctivitis and ulceration.

Page 3 of 5

SKIN CONTACT: May cause skin irritation resulting in itching, eczema and skin discoloration.

INGESTION: May cause narcosis, nausea and vomiting. May cause gastric disturbances. Delayed kidney injury may occur.

INHALATION: May cause respiratory irritation, narcosis, nausea and vomiting.

CHRONIC OVEREXPOSURE EFFECTS: Chronic overexposure to methoxypropanol may result in kidney and liver damage. In an inhalation study conducted at levels of 0, 500, 1500, and 3000 ppm, methoxypropanol was fetotoxic, but was not teratogenic to rats at 3000 ppm.

7. First Aid

EYES: Flush with running water for 15 minutes. Get medical attention if irritation develops.

SKIN: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

INGESTION: If swallowed, dilute with water and induce vomiting immediately. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get medical help immediately.

INHALATION: Move to fresh air. Aid in breathing if necessary and get immediate medical attention.

8. Handling Procedures

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
No specific storage requirement other than taking standard precautions against leak/spills. Protect containers from physical damage when transferring large quantities and keep containers tightly closed when not using in order to safeguard from spills/leakage.

Page 4 of 5

VENTILATION: Use local exhaust.

RESPIRATORY PROTECTION: None required normally. Wear NIOSH approved respirator in confined areas if needed.

SKIN PROTECTION: Impervious gloves, apron, boots as necessary to avoid skin contact.

EYE PROTECTION: Chemical safety goggles.

INGESTION: If swallowed, dilute with water and immediately induce vomiting. Never give anything to drink to a victim who is unconscious or having convulsions. If unconscious and vomiting, turn the person on his side to avoid choking. Get immediate medical attention.

**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:

SARA-S-313 LISTED CHEMICALS.

<u>NAME</u>	<u>CAS #</u>	<u>%</u>
Glycol ethers	112-34-5	6.84
Chromium complex		
Dye	N.A.	0.76
Cobalt complex dye	N.A.	1.26
N-Methylprolidine	872-50-4	1.01

Hazard Ratings: Health - 1 Fire - 0 Reactivity - 0