

1. Identification

Product Identifier: **Castin' Craft Transparent Dye (Red, Blue, Green, Amber, Yellow)**

Product Code(s): 46428, 46438, 46432, 46430, 46436, 00525

Use: Coloring Agent for Casting Resin, Casting Epoxy, and Epoxy Resin. For Industrial/Professional use only.

Manufacturer: Environmental Technology, Inc.
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Phone Number: +1 800-447-9344 (8 a.m. to 6:30 p.m. EST)

Emergency Phone: CHEMTREC 800-424-9300 or
+1 703-527-3887

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2. Hazards Identification

GHS Classification:

Flammable Liquid – Category 4

Eye Irritation – Category 2B

Label Elements: Warning

Hazard Phrases

H227 Combustible liquid.

H320 Causes eye irritation.

Precautionary Phrases

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves, protective clothing, eye protection and face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P317 If eye irritation persists: Get medical help.

P403 Store in a well-ventilated place.

P501 Dispose of contents and container in accordance with local, regional, and national regulations.

Supplemental Information: None.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Dipropylene glycol monomethyl ether	Proprietary	>50
Acetone	67-64-1	<5
Copper Compound	Proprietary	<0.5

Exact concentrations are withheld as trade secret. Other ingredients are not listed because they are either not hazardous or are below cut-off/concentration thresholds.

4. First-Aid Measures

Eye Contact: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops or persists.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Take off contaminated clothing and wash before reuse. Get medical attention if irritation develops or persists.

Inhalation: Move to fresh air. Get medical attention if you feel unwell.

Ingestion: Rinse mouth. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention if you feel unwell.

Most Important Symptoms/Effects: Causes eye irritation.

Indication of Immediate Medical Attention/Special Treatment: Not to be expected.

5. Fire-Fighting Measures

Extinguishing Media: Use water fog, foam, carbon dioxide or dry chemical. Do not use solid water stream. Solid stream of water into hot product may cause violent steam generation or eruption.

Specific Hazards: Combustible liquid. Product will burn under fire conditions.

Special Protective Equipment & Precautions for Fire-Fighters: Wear positive pressure, self-contained breathing apparatus and full-body protective clothing. Cool fire-exposed containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency

Procedures: Clear non-emergency personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing fumes or vapors.

Methods and Materials for Containment and Cleanup: Cover with an inert absorbent material and collect into an appropriate container for disposal. Avoid releases to the environment.

7. Handling and Storage

Safe Handling: Keep out of reach of children. Avoid contact with clothing and skin. Provide adequate ventilation. If inadequate ventilation, wear respiratory protection. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Safe Storage: Store away from incompatible materials. Store in a tightly closed original container in a dry, cool, and well-ventilated place. Read and follow manufacturer's recommendations.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: For Acetone:

OSHA PEL 2,400 mg/m³ TWA

ACGIH TLV 500 ppm TWA, 700 ppm STEL

For Copper Compound:

OSHA PEL 1 mg/m³ TWA

ACGIH TLV 1 mg/m³ TWA

For Dipropylene glycol monomethyl ether:

OSHA PEL 600 mg/m³ TWA

ACGIH TLV 100 ppm TWA, 150 ppm STEL

Ventilation: Use with adequate general or local exhaust ventilation to minimize exposure levels.

Respiratory Protection: If ventilation is inadequate, use a properly fitted, NIOSH-approved, air-purifying respirator with organic vapor cartridges. For higher exposures or in an emergency, use a supplied-air respirator. Use respirators in accordance with OSHA's Respiratory Protection Standard (29 CFR 1910.134).

Skin Protection: Wear impervious gloves, such as butyl rubber or nitrile rubber.

Eye Protection: Wear chemical safety glasses or goggles.

Other Protective Measures: An eye wash facility and washing facility should be available in the work area. Avoid skin contact. Follow good Industrial Hygiene practices.

9. Physical and Chemical Properties

Appearance: Liquid, clear

Odor: Ether-like

Odor Threshold: No data available

pH: No data available

Melting Point: No data available

Boiling Point: 374°F (190°C)

Flash Point: 185°F (85°C)

Evap. Rate: No data available

Flamm. Limits: No data available

Vapor Pressure: No data available

Vapor Density: No data available
Relative Density: No data available
Solubility: No data available
Partition Coefficient: n-octanol/Water: No data available
Auto-Ignition Temp: No data available
Decomposition Temp: No data available
Viscosity: No data available

10. Stability and Reactivity

Reactivity: Not normally reactive.
Chemical Stability: Stable under recommended conditions.
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.
Conditions to Avoid: Avoid heat, sparks, open flames, other ignition sources, elevated temperatures, contact with incompatible materials and electrostatic discharge.
Incompatible Materials: Avoid acid, aluminum, strong bases, and strong oxidizing agents.
Hazardous Decomposition Products: None expected under normal conditions of use.

11. Toxicological Information

Eye Contact: Causes eye irritation.
Skin Contact: May cause mild skin irritation.
Ingestion: No data available.
Chronic Health Effects: No data available.
Acute Toxicity Values: Not acutely hazardous.
Respiratory Sensitization: Components are not classified as respiratory sensitizers.
Skin Sensitization: Components are not classified as skin sensitizers.
Germ Cell Mutagenicity: Components are not known mutagens.
Carcinogenicity: Components are not classified as carcinogens by NTP, IARC, or OSHA.
Reproductive Toxicity: Components are not classified as reproductive toxins.
Specific Target Organ Toxicity: No data available.

12. Ecological Information

Ecotoxicity: No data available. Avoid release to the environment.
Persistence and Degradability: Not readily biodegradable.
Bioaccumulative Potential: Low potential for bioaccumulation.
Mobility in Soil: No data available.

13. Disposal Considerations

Minimize waste generation. Dispose of with a licensed waste disposal contractor. Do not dispose of down the drain. Dispose according to local, state and federal regulations.

14. Transport Information

Not regulated for transport in any mode.
Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or +1-703-527-3887.

15. Regulatory Information

U.S. FEDERAL REGULATIONS:
CERCLA 103 Reportable Quantity: This product is not subject to these reporting requirements. Some states have more strict reporting requirements.
SARA TITLE III Section 311/312: Acute/Chronic Health
Section 313 Toxic Chemicals: This product does not contain chemicals subject to SARA Title III Section 313 reporting requirements.
Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: Components in this product are listed on TSCA.

STATE REGULATIONS:

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer and/or reproductive harm. www.P65Warnings.ca.gov

16. Other Information

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial/professional use only.

SDS Revision Notes: Updated GHS format: March 3, 2021

Disclaimer: The information contained herein is considered accurate; however, Environmental Technology Inc. makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.