

CircuitMedic, 22 Parkridge Road, Haverhill, MA 01835 USA  
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**Revision Date: Jul 23, 2018**

## Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### 1.1. Product Identifier

**Product Name: Color Agent**

**Product Number: 115-9102, 115-9185, 115-9293, 115-9348, 115-9358, 115-9376, 115-9424, 115-9457, 115-9560, 115-9561, 115-9995, 115-9996**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

This is a standard color agent used for tinting liquid epoxy and also for direct application to hard surfaces. It is packaged in a collapsible tube. There are no identified uses advised against.

### 1.3 Details of the supplier of the safety data sheet

CircuitMedic  
22 Parkridge Road, Haverhill, MA 01835 USA  
PHONE: 978-373-1600, FAX: 978-372-5700

### 1.4 Emergency telephone number

For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300 CCN4877  
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

## Section 2. HAZARD IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification of the chemical in accordance with CFR 1910.1200(d)(f):  
Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830

### 2.2 Label Elements

**Hazard pictograms:**



**Signal Words:**

No information available.

**GHS Class:**

No information available.

**Hazard Statements:**

No information available.

**Precautionary Statements:**

No information available.

### 2.3 Other Hazards

No information available.

## Section 3. COMPOSITION, INFORMATION OR INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2 Mixtures

Chemical/Ingredient	CAS Number	Weight%	EC Number	OSHA (PEL)	ACGIH (TLV)	Carcinogen
Organic Pigments	See Section 2	15 - 30	-	-	3.5 mg/M3	No
Yellow 13	5102-83-0	0 - 10	225-822-9	-		No
Red 57:1	5281-04-9	0 - 10	226-109-5	-	-	No
Blue 15:3	147-14-8	0 - 10	205-685-1	-	-	No
Black 7	1333-86-4	0 - 10	215-609-9	-	-	No
Blue 6	1324-76-1	0 - 10	215-385-2	-	-	No
Phenolic Resin	68646-55-20	0 - 20	-	N/A	N/A	-
Linseed Oil	-	0 - 50	-	-	-	-
Gel Additive	Registered	1-2	-	N/A	N/A	-

The components of this product are not considered to be hazardous as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This product contains petroleum distillates which are exempt from special labeling by OSHA.

The OSHA PEL/ACGIH TWA for mineral oil mist is 5mg/M.

For more information see Section 15. REGULATORY INFORMATION

## Section 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**Eye Contact:** Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.

**Skin Contact:** Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

**Inhalation:** If inhaled, remove to fresh air.

**Ingestion:** If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

### 4.2. Most important symptoms and effects, both acute and delayed

None

### 4.3 Indication of any immediate medical attention and special treatment needed

No additional information.

## **Section 5. FIRE-FIGHTING MEASURES**

### **5.1 Extinguishing media**

**Extinguishing Media:** Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.

**Unsuitable Media:** None.

### **5.2 Special hazards arising from the substance or mixture**

**Hazardous Combustion Byproducts:** No information available.

**Unusual Fire Hazards:** Dense smoke may be generated when burning. Carbon monoxide and carbon dioxide generated as combusted.

### **5.3 Advice for firefighters**

**Fire Fighting Instructions:** No information available.

**Protective Equipment:** As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

## **Section 6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

**Personnel Precautions:** No information available.

### **6.2 Environmental precautions**

**Environmental Precautions:** No information available.

### **6.3 Methods and material for containment and cleaning up**

**Methods for Containment:** No information available.

**Methods for Cleanup:** Wipe up and dispose of wipes in approved waste containers. If petroleum hydrocarbon is used provide adequate ventilation.

**Other Spill Precautions:** No information available.

### **6.4 Reference to other sections**

Use proper personal protective equipment as listed in Section 8.

## **Section 7. HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

**Handling:** Avoid storage above 90 °F. Keep container tightly closed when not in use.

**Special Handling:** No information available.

**Hygiene Practices:** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using restroom facilities. Promptly remove contaminated clothing and launder thoroughly before reuse.

### **7.2 Conditions for safe storage, including any incompatibilities**

**Storage:** Avoid storage above 90 °F. Keep container tightly closed when not in use.

**7.3. Specific end use(s)**

No additional information.

**Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**8.1 Control parameters**

No information available.

**8.2 Exposure controls**

**Engineering Controls:** No information available.

**Individual protection measures**

**Eye Protection:** Wear appropriate protective glasses or splash goggles as needed to minimize eye contact..

**Skin Protection:** For prolonged or repeated exposure use impervious gloves, aprons, long sleeve shirts/pants should also be worn to minimize exposure.

**Respiratory Protection:** Not required.

**Other Protective:** No information available.

**Hygiene Practices:** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using restroom facilities. Promptly remove contaminated clothing and launder thoroughly before reuse.

**Section 9. PHYSICAL AND CHEMICAL PROPERTIES**

- OSHA Classification:** Combustible liquid - Class IIIB
- Flash Point and Method:** Above 130 °C Method used: closed cup
- Explosion Limits:** LEL: N/A; UEL:N/A
- Volatile Organic Compounds:** .0-1% Method ASTM 24
- Boiling Range:** >400°F
- Freezing Point:** N/A
- Vapor Density vs Air:** Heavier
- Vapor Pressure (mmHg):** < 0.04 PSI
- Density ASTM D1475:** 7.90 - 8.70 lbs/gal
- Specific Gravity:** 0.99 - 1.05
- Type of Odor:** Oliy
- Odor Threshold:** N/A
- Appearance:** Colored viscous paste
- Evaporation Rate vs. Butly Acetate:** Slower
- Percentage Volatile Weight:** 19.3

**Section 10. STABILITY AND REACTIVITY**

**10.1 Reactivity**

**Reactivity:** Stable under normal handling and storage conditions.

**10.2 Chemical Stability**

**Chemical Stability:** Stable under normal temperatures and pressures.

### 10.3 Possibility of hazardous reactions

**Hazardous Polymerization:** Will not occur.

### 10.4 Conditions To Avoid

**Conditions To Avoid:** Strong oxidizing agents. Avoid storage above 90 °F. Keep containers closed when not in use.

### 10.5 Incompatible Materials

**Incompatible Materials:** No information available.

### 10.6 Hazardous decomposition products

None known.

## Section 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Carcinogen:** Contains no material that are considered carcinogenic by National Toxicology Program. (NPT or OSHA)

**Mutagen:** No

**Tetratogen:** No

**Reproductive Toxicity:** No

## Section 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Ecotoxicity:** No ecotoxicity data was found for the product.

### 12.2 Persistence and degradability

**Environmental Fate:** No environmental information found for this product.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

This product has not been evaluated, but there is no evidence to suggest it will cause any significant environmental problem.

## Section 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Waste Disposal:** State and/or local regulations may apply. Spill should be contained and absorbed with suitable absorbent material placed in a suitable container for disposal in a licensed facility. Do not discharge in waterways or sewers. Not regulated as hazardous waste under Resource Conservation and Recovery Act (RCRA).

## Section 14. TRANSPORT INFORMATION

**DOT (HM 181):** Not regulated.

**Shipping Labels:** Not regulated.

**14.3. Transport hazard class(es):** Not regulated.

- 14.4 Packing group:** Not regulated.
- 14.5 Environmental hazards** Not regulated.
- 14.6 Special precautions for user** None.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

## Section 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU legislation:** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

**TSCA Inventory Status:** All products listed in TSCA inventory.

**CERCLA Superfund 40CFR 117.302:** Contains no reported materials.

**SARA title III:** See Section 2.

**FDA:** This printing ink is not a food additive and would not be approved for direct or indirect contact by FDA.

**California Proposition 65:** Inks that contain Barium Compounds are based on pigment Red 53:1 (D7C Red 9) which is listed on the California list.

**CONEG legislation:** Meets all heavy state and heavy metals limitations.

**Canada WHMIS:** Not a controlled product.

### 15.2 Chemical safety assessment

No data available.

## Section 16. OTHER INFORMATION

**Issue Date:** April 30, 2013

**Revision Date:** July 23, 2018

**HMIS:**

Health	1
Flammability	1
Reactivity	0
PPE	X

**NFPA**



The International Agency for Research on Cancer (IARC) in 1996 reclassified Carbon Black in Group 2B (Possible Human Carcinogen). However, in December 1996, OSHA ruled that Carbon Black when presented in a printing ink mixture presents no hazards and is "not classified as a carcinogen to humans". (Group 3)