

CircuitMedic, 22 Parkridge Road, Haverhill, MA 01835 USA
Phone: 978-373-1600 | Website: www.circuitmedic.com
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Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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
UFI Number:	Q24J-WAXA-730R-E3TD
Recommended use:	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.
Supplier:	CircuitMedic 22 Parkridge Road, Haverhill, MA 01835 USA PHONE: 978-373-1600, FAX: 978-372-5700
Emergency Response:	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. HAZARDS 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	
This product's components are not considered hazardous as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.	
2.2 Label Elements	
Hazard pictograms:	
Signal Words:	Warning
GHS Class:	Skin irritation; Eye irritation.
Hazard Statements:	H315 Causes skin irritation. H319 Causes serious eye irritation.
Precautionary Statements:	P233 - Keep container tightly closed. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
2.3 Other Hazards	
No information available.	

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Section 3. COMPOSITION / INFORMATION ON 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	9003-35-4	0 - 20	-	N/A	N/A	-
Linseed Oil	8001-26-1	0 - 50	-	-	-	-
Gel Additive	Registered	1-2	-	N/A	N/A	-

This product's components are not considered 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.	

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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.	

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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 / 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.

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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.	

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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 absorbant 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).

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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.
Road and Rail (ADR/RID)	Hazard Class: No classification
Air (ICAO/IATA)	Shipping Name: Nonhazardous
Vessel (IMO/IMDG)	Shipping Name: Nonhazardous

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, Authorisation and Restriction of Chemicals (REACH)
TSCA Inventory Status:	All products listed in TSCA inventory.
CERCL:A 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.	

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Section 16. OTHER INFORMATION

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)

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