

# Clear Lacquer

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## 1. CHEMICAL PRODUCTION AND COMPANY IDENTIFICATION

**Product Name:** CC Lacquer  
**Product ID:** CC-FN [VAROUS]  
**Chemical Family:** Resin Solution  
**Common Chemical Name:** Paint Related Items

**Supplier:** Color Technologies, Inc.  
 102 Railroad Street  
 Brooklet, GA 30415

For Chemical Emergency Call CHEMTREC (24 hours): 1-800-424-9300  
 Number for non-emergency questions concerning SDS: 912-842-2653

## 2. HAZARD(S) IDENTIFICATION

	HEALTH	FIRE	REACTIVITY	SPECIAL								
HMIS:	2	3	1	N/A								
NFPA:	2	3	1	N/A								
LABEL REQUIREMENTS				<table><tr><td>HEALTH</td><td>2</td></tr><tr><td>FIRE</td><td>3</td></tr><tr><td>REACTIVITY</td><td>1</td></tr><tr><td>PPE</td><td>J</td></tr></table>	HEALTH	2	FIRE	3	REACTIVITY	1	PPE	J
HEALTH	2											
FIRE	3											
REACTIVITY	1											
PPE	J											
Physical hazards	Danger	Category 3 Flammable Liquid										
Health Hazards	Eye Inhalation  Skin Ingestion	<ul style="list-style-type: none"><li>Causes serious eye irritation (Category 1)</li><li>Inhalation may cause irritation to entire respiratory tract and harmful CNS effects. Symptoms include drowsiness, impaired balance, nausea, vomiting. (Category 1)</li><li>Skin contact may cause reddening, inflammation or blistering.</li><li>May be fatal if swallowed and enters airways.</li></ul>										
OSHA Specific Hazards												
Signal Words	DANGER											
Hazard Statement(s)	H225: Highly flammable liquid and vapor. H340: May cause genetic defects. H304: May be fatal if swallowed and enters airways.											
Precautionary statement	P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 Keep container tightly closed. P280 Wear protective gloves/protective clothing/eye protection/face protection. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof electrical/ventilating/lighting equipment. P243: Take precautionary measures against static discharge. P242: Use only non-sparking tools. P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood.											
Response	P309 + P340 If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P303 + P361 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P370+378 In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.											
Storage	P403+P233: Store in a well-ventilated place. Keep container tightly closed. P235: Keep cool..											
Disposal	P403+235: Store in cool/well-ventilated place. P501: Dispose of contents/container according to local, state and federal regulations. P405: Store locked up.											

This product is hazardous or contains components which are hazardous according to the OSHA Hazard Communication Standard.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>CHEMICAL NAME</b>	<b>CAS NUMBER</b>	<b>WT. %</b>	<b>TLV - TWA</b>	<b>PEL - TWA</b>
Acetone	67-64-1	25-30	50 PPM	100 PPM
N-Butyl Acetate	123-86-4	10-15	50 PPM	100 PPM
Methyl n-Amyl Ketone	110-43-0	5-10	50 PPM	100 PPM
Xylenes	1330-20-7	10-15	50 PPM	100 PPM
Ethylbenzene	100-41-4	1-2	100 PPM	100 PPM
2-Butoxyethanol	111-76-2	1-2	20 PPM	50 PPM

### 4. FIRST-AID MEASURES

<b>EYE CONTACT</b>	Remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
<b>SKIN CONTACT</b>	Remove affected person from source of contamination. Get medical attention if irritation persists after washing.
<b>INHALATION</b>	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
<b>INGESTION</b>	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.
<b>NOTES TO PHYSICIAN</b>	None
<b>AGGRAVATED MEDICAL CONDITIONS</b>	None known.
<b>SPECIAL PRECAUTIONS</b>	Not applicable.

### 5. FIRE FIGHTING MEASURES

<b>EXTINGUISHING MEDIA</b>	Alcohol foam, CO <sub>2</sub> , dry chemical, sand.
<b>SPECIAL FIREFIGHTING PROCEDURES</b>	A self-contained breathing apparatus and protective clothing must be worn in fighting fires involving chemical.
<b>EXTINGUISHING MEDIA TO AVOID</b>	No information currently available.
<b>SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS</b>	Use a self-contained breathing apparatus and protective clothing. Dike for water control. Do not allow run-off into sewers or water sources.
<b>HAZARDOUS DECOMBUSTION PRODUCTS</b>	Burning can produce the following products: Carbon Monoxide. Carbon monoxide is highly toxic if inhaled. Carbon dioxide in sufficient concentrations can act as an asphyxiate.

### 6. ACCIDENTAL RELEASE MEASURES

<b>CONTAINMENT</b>	Dike with absorbent materials to stem flow.
<b>CLEAN-UP</b>	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.
<b>DISPOSAL</b>	Dispose of in accordance with local, state, and federal regulations.

### 7. SAFE HANDLING AND USE INFORMATION

<b>GENERAL HANDLING:</b>	Avoid spilling, skin and eye contact, inhalation.
<b>OTHER STORAGE AND HANDLING:</b>	Consult other sections of this SDS for information on reactivity and flammability.
<b>RESPIRATORY PROTECTION:</b>	If PEL of the product or any component is exceeded, a NIOSH/MSHA approved respirator is advised in absence of proper engineering control (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.
<b>VENTILATION:</b>	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).
<b>SKIN PROTECTION:</b>	Wear chemical resistant gloves that afford proper protection to the hands, such barrier creams maybe used in some environments as long as proper skin protection is afforded.
<b>EYE PROTECTION:</b>	Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. (Consult your safety equipment supplier.)
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Work clothing that covers arms and legs.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

<b>GROUNDING:</b>	Ground all containers during transfer of material.
<b>OTHER PRECAUTIONS:</b>	Containers of this material may be hazardous when empty. Since empty containers retain product residues (vapors, liquid, and/or solids), all hazard precautions given in this SDS must be observed.

**8. EXPOSURE CONTROLS**

<b>RESPIRATORY PROTECTION:</b>	Positive pressure air supplied respirator recommended when confined with fumes associated with combustion.
<b>VENTILATION:</b>	General ventilation/exhaust recommended to achieve vapor concentration below PEL.
<b>SKIN PROTECTION:</b>	Impervious gloves can be worn. Long sleeves and pants as necessary to minimize skin contact.
<b>EYE PROTECTION:</b>	Safety glasses or chemical goggles recommended.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**9. PHYSICAL DATA**

<b>COLOR</b>	Characteristic	<b>FORM/APPEARANCE</b>	Opaque Liquid
<b>ODOR</b>	Sweet. Pungent.	<b>BOILING POINT</b>	>165°F
<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b>	1.0-1.25	<b>pH</b>	N/A
<b>FREEZING POINT</b>	Not Available	<b>DECOMP. TEMP.</b>	Not Available
<b>VAPOR PRESSURE</b>	~15 mm Hg @ 20°C	<b>VAPOR DENSITY (AIR = 1)</b>	>2.0
<b>SOLUBILITY IN H<sub>2</sub>O</b>	Partially	<b>VOLATILE BY VOL.</b>	75-90%
<b>VOLATILE BY WEIGHT</b>	65-75	<b>VOCS, GRAMS/LTR</b>	687
<b>VOCS, LBS/GAL</b>	5.7	<b>AUTOIGNITION:</b>	Not Available
<b>FLASH POINT</b>	<0°C	<b>FLAM. LIMITS (% in air)</b>	~1 – 8

**10. STABILITY AND REACTIVITY**

<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Carbon Dioxide, Carbon Monoxide, various hydrocarbons.
<b>CONDITIONS TO AVOID:</b>	Exposure to excessive heat or open flame, storage in open containers, prolonged storage (6 months), storage above 100°F (38°C), and contamination with oxidizing agents.
<b>INCOMPATIBILITY:</b>	Avoid contact with strong alkalis, strong mineral acids, and oxidizing agents.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.
<b>STABILITY:</b>	Stable
<b>CORROSIVE PROPERTIES:</b>	Not Corrosive.
<b>OXIDIZER PROPERTIES:</b>	Not an oxidizer.

**11. TOXICOLOGICAL INFORMATION**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

**TOXICOLOGY TEST DATA:**

TEST	RESULT
Oral LD50 (Rat)	>3,500 mg/kg
Acute Inhalation LD50 (Rat)	>5,000 ppm
Acute Dermal LD50 (Rabbit)	>1,700 mg/kg

**EFFECTS OF OVEREXPOSURE:**

<b>ACUTE OVEREXPOSURE EFFECTS</b>	Inhalation High concentration of mist may be irritating to the upper respiratory tract. Ingestion May cause discomfort if swallowed. Skin contact; Prolonged or repeated exposure may cause severe irritation.
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	Eye contact causes severe eye irritation.
<b>CHRONIC OVEREXPOSURE EFFECTS</b>	Overexposure to this material (or its components) may cause damage to organs through prolonged or repeated exposure. No known significant effects of carcinogenicity or mutagenicity.

## 12. ECOLOGICAL INFORMATION

<b>OXYGEN DEMAND:</b>	Not Determined
<b>ACUTE AQUATIC EFFECTS:</b>	<i>Fish:</i> LC50 <i>Oncorhynchus mykiss</i> (rainbow trout): 7.63 mg/l; 96 h NOEC <i>Pimephates promelas</i> (fathead minnow): 5.44 mg/l; 7d

## 13. DISPOSAL CONSIDERATIONS

Discharge, treatment or disposal may be subject to national, state or local laws. Incinerate. Since emptied containers retain product residue, follow label warnings even after container is emptied.

## 14. TRANSPORTATION INFORMATION

<b>DOT (USA):</b>	Paint UN1263, Class 3 Flammable Liquid, Packing group II for quantities of 450 liters (119 gallons) or more.
<b>POSSIBLE SHIPPING DESCRIPTION(S):</b>	Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base
<b>SEA – IMDG (International Maritime Dangerous Goods)</b>	Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base
<b>AIR – ICAO (International Civil Aviation Organization)</b>	Passenger and Cargo Aircraft Quantity limitation: 5 L Cargo Aircraft Only Quantity limitation: 30 L Special Provisions: A2, A72, A192

## 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

<b>WHMIS (Canada) Status</b>	Listed
<b>WHMIS (Canada) Hazard Classification</b>	B2, D2B
<b>SARA 311-312 Hazard Classification(s)</b>	Immediate (Acute) Health Hazard Delayed (Chronic) Health Hazard Fire Hazard
<b>Carcinogenicity Classification</b> (components present at 0.1% or more)	Not Classified
<b>TSCA (US Toxic Substances Control Act)</b>	Listed
<b>DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act)</b>	Listed
<b>EINECS (European Inventory of Existing Commercial Chemical Substances)</b>	Listed
<b>AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme)</b>	Listed
<b>MITI (Japanese Handbook of Existing and New Chemical Substances)</b>	Listed
<b>ECL (Korean Toxic Substances Control Act)</b>	Listed
<b>Philippines Inventory (PICCS)</b>	Listed
<b>Inventory of Existing Chemical Substances in China</b>	Listed

**-PROP 65 (CARCINOGEN)**

**⚠ WARNING:** This product can expose you to chemical(s) listed below which is/are known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information go to [www.p65pwarnings.ca.gov](http://www.p65pwarnings.ca.gov).

CHEMICAL NAME	Cancer	Reproductive
Toluene	No	Yes
Ethylbenzene	Yes	No
MIBK	Yes	Yes

**16. OTHER INFORMATION**

**Revision number:** 0

**Prepared By:** Color Technologies Environmental Health & Safety Group

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the SDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1 to make certain that this sheet is current. Copyright Color Technologies, Incorporated. License granted to make unlimited copies for internal use only. End of SDS.....