



CHRISTRIO[®]

Manufacturer of Beauty Products

1950 Compton Ave. Ste. 103

Corona, CA. 92881

Phone: (951) 808 – 4730 Fax: (951) 808 – 4734

MATERIAL SAFETY DATA SHEET

Section I: Product and Company Identification

Product name: French Topcoat

Chemical Name: N/A

Manufacturer:

CHRISTRIO CORP.

1950 Compton Ave. #103

Corona, CA. 92881

Family Name: Cellulose Acetate Butyrate Lacquer

Product Use: NAIL LACQUER

Emergency Phone #: 800 535- 5053

International Phone #: 1-352-323-3500

Information Contact: (951) 808 – 4730

Section II: Composition/Information on Ingredients

Chemical Identity	CAS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/ OSHA	%
ETHYL ACETATE	141-78-6	ETHYL ACETATE	N/E	N/E	Not Listed	30
BUTYL ACETATE	123-86-4	BUTYL ACETATE	N/E	N/E	Not Listed	30
ISOPROPYL ALCOHOL	67-63-0	ISOPROPYL ALCOHOL	N/E	N/E	Not Listed	20
METHYL ETHYL KETONE	78-93-3	METHYL ETHYL KETONE	N/E	N/E	Not Listed	10
COLLODION NITROCELLULOSE	9004-70-0	COLLODION NITROCELLULOSE	N/E	N/E	Not Listed	10

*** No toxic chemical (s) subject to the reporting requirements of section 313 of title III and of 40 CFR 372 are present.***

N/E – None Established

N/R – Not Reviewed

ND/A – No Data Available

N/A – Not Available

Hazard Symbols: Xi, F

Risk Phrases: R22, R336/37/38, R43

Safety Phrases: S18, S24/25, S36/37, S38, S46

Section III: Hazard Identification

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- Flammable liquid and vapor!
- May be slightly toxic.
- May cause moderate skin injury (reddening & swelling).
- May cause chemical burn in eye.

Potential Health Effects, signs and symptoms of Exposure:

Primary Route of Entry

No specific information available

Eye

Contains materials that are essentially nonirritating, but contact may cause slight transient irritation. Materials may act as Lachrymator (a substance which increases the flow tears).

Skin

Contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Prolonged contact may cause blister formation (burns). Since irritation may not occur immediately, contact can go unnoticed.

Ingestion

May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation

May cause respiratory tract irritation with presence of monomer. Vapors may cause dizziness or suffocation.

Sub-Chronic Effects

No specific information available. Limited tests showed no evidence of teratogenicity in animals. A lifetime skin painting study with mice showed no evidence of carcinogenicity.

NOTE: Refer to section XI, Toxicological Information for Details.

Section IV: First Aid Measures

First Aid for eye	Flush with plenty of water for 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. Do NOT allow victim to rub or keep eyes closed.
First Aid for Skin	Remove contaminated clothing and wash contact area with soap and water for 15 minutes. Get medical aid if systems persist. Wash clothing before reuse.
First Aid for Inhalation	In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.
First Aid for Ingestion	Never give any thing by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2 to 4 cupfuls of milk or water.

Section V: Fire fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
24°F/-4.45°C	N/D	N/D

Method:

Extinguishing Media: Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.
Fire Fighting Instructions: Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

Unusual Hazards: High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

Section VI: Accident Release Measures

Spill or Release Procedures Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert materials (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer! US regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number of the US Coast Guard National Response Center is (800) 424-8802. If a leak or spill has not ignited, use water to spray to disperse to vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

Section VII: Handling and Storage

Handling Ground and bond containers when transferring material. Avoid contact with skin and eyes, and clothing. Use with adequate ventilation and avoid breathing vapor. Keep container closed when not in use. Avoid contact with heat, sparks and flame. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks, or open flames. **Material is extremely light sensitive.** Use extreme care and do not expose to natural or UV light, unless using material for its intended use. Since the material is very photosensitive any type of light may initiate the curing process.

Storage Keep away from heat, sparks, and flame. Store in tightly closed container. Store in cool, dry, well-ventilated place, keep it away from any type of light. Store at temperature below 100°F/38°C.

Explosion Hazard High temperature and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessel or containers.

Section VII: Exposure Controls/Personal Protective Equipment

Engineering Control Local exhaust recommended to control exposure which may result from operations generating aerosols and hot operations generating vapors.

Personal Protective Equipment General

To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product. Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Eye/Face Protection	Wear safety glasses. Wear overall chemical splash goggles and face shield when possibility exists for eye and face contact due to splashing or spraying material.
Skin Protection	Use impermeable clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.
Respirator Protection	A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapor dust masks can be used, however the use of the respirator is limited. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Section XI: Physical and Chemical Properties

Appearance Clear/semi Viscous liquid	Odor & Odor Threshold Sweet ester oil	pH N/A	Special Gravity (H ₂ O = 1): 1.15	Viscosity N/DA	% Volatile By Volume:<0.5
---	---	------------------	--	-----------------------	-------------------------------------

BOILING RANGE: 171oF- 228oF
VAPOR DENSITY: Heavier than air
COATING V.O.C.: 3.36 lb/gl
SOLUBILITY IN WATER: moderate

SPECIFIC GRAVITY (h₂O=1): 7.502 lb/gl
EVAPORATION RATE (m-Butyl Acetate=1): > 1.0
MATERIAL V.O.C.: 3.34 lb/gl

Section X: Stability and Reactivity

Stability:
Normally Stable

Incompatibility (Materials to Avoid):
Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and string bases.

Hazardous Decomposition Products:
Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide.

Hazardous Polymerization:
May occur—Uncontrolled polymerization may cause cause rapid evolution of heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.

Condition to Avoid:
Storage <100°F/38°C, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

Section XI: Toxicological Information

Acute Oral Toxicity N/DA	Acute Dermal Toxicity N/DA	Acute Inhalation N/DA	Irritation-Skin	Irritation-Eye N/DA	N/DA
------------------------------------	--------------------------------------	---------------------------------	------------------------	-------------------------------	------

Sensitization N/DA	Mutagenicity N/DA	Sub-chronic Toxicity N/DA
------------------------------	-----------------------------	-------------------------------------

Section XII: Ecological Information

Ecological Information				
Acute Toxicity To Fish N/DA	Acute Toxicity to Invertebrate N/DA	Acute Toxicity to Algae N/DA	Bioconcentration N/DA	Toxicity to Sewage Bacteria N/DA
Chemical Fate Information				
Biodegradability		N/DA		
Chemical Oxygen Demand		N/DA		

Section XIII: Disposable Considerations

Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near container. Mix with compatible chemical which is less flammable and incinerate. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section XIV: Transport Information

Proper shipping name: Paint
 DOT Haz Class: 3 (Flammable Liquid)

Section XV: Regulatory Information

US Federal Regulations:

Clean Air Act: HAP/ODS	This product contains hazardous air pollutants (HAP's), as defined by U.S. Clean Air Act. They are as follows: <ul style="list-style-type: none">▪ Benzophenone, CAS# 119-61-9 ODS
Clean Water Act: Priority Pollutant	This product does not contain any Class 1 or Class 2 (ODS's). (Ozone Depleting Substances). This product contains the following Hazardous Substances as defined by the CWA: NONE This product does not contain any substances that are a Priority Pollutant or Toxic Pollutant under the CWA.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. Its hazards are: <ul style="list-style-type: none">• Immediate (acute) health hazard• Delayed (chronic) health hazard• Reactive hazard
RCRA	This product is considered to be hazardous waste under RCRA (40 CFR 261) RCRA Code: <ul style="list-style-type: none">• Ethyl Methacrylate, CAS # 97-63-2, RCRA Code: U118• Characteristic of Ignitability, RCRA Code: D001
SARA Title III: Section 302(TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ.
SARA Title III: Section 302 (RQ)	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List). <ul style="list-style-type: none">• Ethyl Methacrylate, CAS #97-63-2, RQ (Lbs): 1000
SARA Title III: Section 311-312	This product is considered hazardous under OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Is hazard are: <ul style="list-style-type: none">• Immediate (acute) health hazard• Delayed (chronic) health hazard• Reactive hazard
SARA Title III: Section 313	This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372. <ul style="list-style-type: none">• None
TSCA Section 8 (b): Inventory	This product contains chemical listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.

State Regulations:

CA Right-to-know Law: California No Significant Risk Rule:	None
MA Right-to-Know Law:	None
NJ Right-to-Know Law:	Ethyl Methacrylate, CAS # 97-63-2
PA Right-to-Know Law:	Ethyl Methacrylate, CAS # 97-63-2
FL Right-to-Know Law:	Ethyl Methacrylate, CAS # 97-63-2
MN Right-to-Know Law:	Benzophenone, CAS # 119-61-9

International Regulations:

CDSL: Canadian Inventory	Ethyl Methacrylate, CAS # 97-63-2 is on the DSL list. WHMIS= B2, D2B. Tetraethylene glycol dimethacrylate, CAS# 109-17-1 is not on the DSL List. WHMIS=n/da. Benzophenone CAS # 119-61-9 is on the DSL list. WHMIS= n/da D&C Violet #2, CAS # 81-48-1 is not on the DSL List. WHMIS=n/na.
EINECS: European Inventory:	Permatop: <ul style="list-style-type: none">▪ Hazard Symbol: Xi: Irritant, F: Flammable▪ Risk Phrases: R22: Harmful if swallowed, R36/37/38; Irritating to eyes, respiratory system and skin, R43: may cause sensitization by skin contact.▪ Safety Phrases: S18: Handle and open container with care, S24/25: Avoid contact with skin and eyes, S36/37: Wear suitable protective clothing and gloves, S38: In case of insufficient ventilation, wear suitable respiratory equipment. S46: If swallowed seek medical advice immediately and show this container or label

Section XVI: Other Information

Hazard Rating System	NFPA: Health 2/ Flammability 2/ Reactivity 1 HMIS: Health 2/ Flammability 2/ Reactivity 1
----------------------	--

Revised: July 3rd, 2009
Supersedes Date: 02/01/07

OSHA PEL for misance dust: 15 mg/m³ (total dust)
5 mg/m³ (respirable dust)
ACGIH PEL for misance dust: 10 mg/m³

Product Number: 4020069
Revised Sections since Last Version: Change sections, I, II, VII, XV, XVI

The information presented herein was obtained from sources considered to be liable. However, this information is provided without any warranty, expressed or implied, regarding its correctness or suitability for consumers intended to use and/or application. For this and other reasons, we assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way connected with handling, storage, use or disposal of the product. This MSDS was prepared expressly for this product. Use the materials only directed. If the product is used as a component of other product, the information contained within the MSDS may not be applicable. If one could have any concerns with or problems understanding this MSDS form, please direct all questions to INFOTRAC, Chemical Emergency Resources System at (800) 535-5053.