

MATERIAL DATA SAFETY SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

SECTION I - PRODUCT IDENTIFICATION

REVISION DATE: 12/1/2013

Product Name: FRENCH TOPCOAT
Chemical Name: N/A
Synonyms: FRENCH TOPCOAT
Trade Name: **FRENCH TOPCOAT**
Product use: Fingernails coating only
Distributor's Name: CHRISTRIO
Distributor's Address: 2420 Railroad; Corona, CA. 92881
Information Contact: 1 951 808 4730
Emergency Phone: Canada & US (800) 535-5053 International: 1 -352-323-3500
EU Address: 167-171 Willoughby Lane; Tottenham, London N17 OSB; UK

SECTION II - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information may be based on finding related or similar materials

- May be slightly toxic.
- May cause moderate skin injury (redness & swelling).
- May cause eyes irritation.

Potential Health Effects, Signs, and Symptoms of Exposure:

Primary Route of Entry	Concern with all routes of entry.
Eye	Eye irritant both liquid and vapor
Skin	Mild skin irritant, can cause non-allergic contact dermatitis.
Ingestion	Causes gastro-intestinal irritation, nausea, vomiting and diarrhea. Kidney damage.
Inhalation	Prolonged inhalation may be harmful. Can cause drowsiness, headaches, nausea, May cause lung irritation.
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 III - COMPOSITION/INFORMSTION

Chemical Identity	CAS#	EINEC#	INCI Name	Exposure OSHA TWA/STEL	LIMITS ACGIH TWA/STEL	Carcinogen	%
Ethyl Acetate	141-78-6	205-500-4	Ethyl Acetate	400ppm	400ppm	NOT LISTED	33-43
n-Butyl Acetate	123-86-4	204-658-1	Butyl Acetate	150ppm	150ppm	NOT LISTED	19-29
Naphtha (Petroleum) Hydrotreated Light	64742-49-0	265-151-9	C8-9 Alkane/Cycloalkane	500ppm	400ppm	NOT LISTED	5-15
Propan-2-ol	67-63-0	200-661-7	Isopropyl Alcohol	400ppm	200ppm	3/no/no	2-12

See Section XVI for Risk and Safety Phrase

N/E - None Established

N/DA - No Data Available

N/R - Not Review

N/A - Not Applicable

Ethyl Acetate:	Hazard Symbol: f, Xi	Risk Phrases: R11, R36, R66, R67	Safety Phrases: N/DA
Butyl Acetate:	Hazard Symbol: F	Risk Phrases: R10, R66, R67	Safety Phrases: N/DA
Naptha (Petroleum) Hydrotreated Light:	Hazard Symbol: F, XN, N, Xi	Risk Phrases: R11, R50, R53, R65, R67	Safety Phrases: N/DA
Isopropyl Alcohol:	Hazard Symbol: F	Risk Phrases: R37, R11, R36, R67	Safety Phrases: N/DA

SECTION IV - FIRST AID MEASURES

First Aid for Eye	Irrigate with copious amounts of water. Seek medical attention.
First Aid for Skin	Wash affected area with soap and water.
First Aid for Inhalation	Remove to fresh air. Seek medical attention.

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SECTION V – FIRE FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol %)	Auto-Ignition Temperature (vol %)
TAG Closed Cup: 24°F/-4°C	N/DA	N/DA

Method:

Extinguishing Media: Small fires: Carbon Dioxide, foam or dry chemical extinguishers. Large fires: Water or foam extinguishers, water fog.

Fire Fighting Instructions: In all cases keep nearby containers cool by spraying with water. Keep away from heat and sources of ignition

Unusual Hazards: Flammable. When exposed to heat and flame, material is a fire explosion hazard. Prevent buildup of vapors or gases to explosive concentrations.

Spill or Release Procedures	<p>Personal Precautions: Use suitable protective clothing/equipment. Eliminate all sources of ignition. No Smoking. Methods Of Cleaning Up: Contain spill with absorbent. Mop up small spill Sweep up, use absorbent for larger spills Environmental Precautions: Do not allow to enter water courses or drains Dispose in accordance with local regulation Local authorities should be advised if significant spills cannot be contained. Minimize the water and DO NOT flush to sewer. Remove any contaminated clothing and wash thoroughly before reuse. US Regulations (CERCLA) require reporting spill and release to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard Nation Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. Dispose and report per regulatory requirements if necessary. Please prevent washing from entering of waterways.</p>
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Handling	No Smoking. Prevent static discharges. Exposure by inhalation or skin contact should be minimized by good industrial hygiene. Vapor is heavier than air, spreads along the ground. Vapor can form an explosive mixture in air, prevalent in empty unclean drums/pails. Use non-sparking tools when handling this material.
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Storage	Keep containers tightly closed, cool, dry, and away from sources of ignition, label containers Eliminate possible point ignition sources, e.g. No smoking, open flames, use proper Bonding and Grounding. Use electrical equipment rated for use with flammables.
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Explosion Hazard	High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessel
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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Local exhaust recommended control exposure, which may result from operations generating aerosols and hot operations generating vapors.
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Personal Protective Equipment

General	Appropriate PPE should be worn – Check Local Regulations.
Eye/Face Protection	Chemical splash goggles.
Skin Protection	Impervious gloves (Neoprene).
Respiratory Protection	Respirator should be worn if the maximum exposure levels are surpassed

Appearance	Odor & Odor Theshold	pH	Specific Gravity	Viscosity	% Volatile
Clear, liquid	N/D	N/A	(H2O=1) : 0.89-0.92	N/DA	N/DA

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient	Vapor Pressure	Vapor Density	Evaporation Rate	Ignition	Solution In Water
75 – 80 °C	N/A	N/A	N/DA	Heavier than air	N/DA	N/D	Insoluble

Flash point (°F/°C)	Flammable Limit (Vol %)	Auto-ignition Temperature (Vol %)
TAG Closed Cup: 24°F/-4°C	N/D	N/D

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SECTION X - STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions. Store away from direct sunlight.	Incompatibility (Materials to Avoid): Strong oxidizing agents. Acids, Alkalines, and Peroxides
Hazardous Decomposition Products: Combustion of nitrocellulose may evolve nitrous oxid (poisonous) fumes. CO, CO2, Nitrous Oxides, Smoke	Hazardous Polymerization: Will not occur.

Conditions to Avoid:

Flame, Electric spark, static and heat. Do not store @ Temperature Over 120°

SECTION XI - TOXICOLOGICAL INFORMATION

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

Organic solvents in the product may lead to removal of lipid soluble elements of the skin leading to non-allergic dermatitis upon repeated prolonged contact. Vapor from solvents may cause: ill effects to the renal system; central nervous system problems; irritation to the respiratory tracts and other various mucosal membranes.

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

SECTION XII - Ecological Information

Ecotoxicological Information

Acute Toxicity To Fish	Acute Toxicity To Ivertebrates	Acute Toxicity To Algea	Bioconcentration	Toxicity to Sewage Bacterials
N/DA	N/DA	N/DA	N/DA	N/DA

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

Product should not be allowed to enter drains or water courses. Used in large volumes, this product may incur the requirements of the Environmental Protection Act (pollution control/air). Environmental Protection Agency.

SECTION XIII- DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, county, state, and federal government Regulations.

SECTION XIV - TRANSPORT INFORMATION

DOT (49 CFR 172) (GND)	
Proper Shipping Name	UN1263, Paint (Nitrocellulose Lacquer), 3, PG II
Identification	UN1263
Marine Pollutant	No
Special Provisions	ADR Class 3; F1
Emergency Response Guidebook (ERG) #	N/A
IATA (DGR) (AIR)	
Proper Shipping Name	UN1263, Paint (Nitrocellulose Lacquer), 3, PG II
Class or Division	3
UN or ID Number	1263
Packing Instructions	None
Emergency Response Guidance(ICA0)#	N/A
IMO (IMDG)	
Proper Shipping Name	UN1263, Paint (Nitrocellulose Lacquer), 3, PG II
Class or Division	3
UN or ID Number	1263
Special Provision & Stowage/Segregation	None
Emergency Schedule (EmS)#	N/A
Other Information	Flash point - 4°C or 24° F TCC (Tag Closed Cup)

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SECTION XV – REGULATORY INFORMATION

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act: NONE This product contains no ODS's
Clean Water Act: Priority Pollutant	This product no chemical listed under the U.S. Clean Water Act Priority Pollutant List.
FDA: Food Packing Status	This product has not been cleared by the FDA for use in food packaging and/or other application as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: NONE
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product may contain chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ: See section 2 for reportable material
SARA Title III: Section 302 (RQ)	This product may contain chemicals regulated under Section 304 as extremely dangerous chemical for emergency release notification ("CERCLA" List). See section 2 for reportable material

SARA Title III: Section 311-312	This product may be considered hazardous under OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). See section 2 for reportable material
SARA Title III: Section 313	This product may contain chemicals which are 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. See section 2 for reportable material
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
TSCA Significant New Use Rule	Components in this product have been verified as being on the TSCA Inventory and have been classified in accordance with the hazard criteria of the CFR and all information required.-



State Regulation

CA Right-to-Know Law California No Significant risk Rule	None None
MA Right-to-Know Law	This product contains no chemicals on the MA Substance List.
NJ Right-to-Know	This product contains the following hazardous component subject to disclosure under NJ Right-to-Know legislation: NONE
PA Right-to-Know Law	This product contains the following hazardous component subject to disclosure under PA Right-to-Know legislation: NONE
FL Right-to-Know Law	This product contains the following hazardous component subject to disclosure under FL Right-to-Know legislation: NONE
MN Right-to-Know Law	This product contains the following hazardous component subject to disclosure under MN Right-to-Know legislation: NONE

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	N/DA
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Labeling according to directive – 1999/4/EC

<p>European Community:</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	<p>French Topcoat</p> <ul style="list-style-type: none"> HAZARD SYMBOLS: Xi: Irritant, Xn – Harmful, F - Highly Flammable RISK PHRASE: R10 Flammable, R11 Highly Flammable, R20 Harmful by inhalation R21 Harmful in contact with skin, R22 Harmful if swallowed, R36 Irritating to eyes, R37 Irritating to respiratory system, R38 Irritating to skin, R41 Risk of serious damage to eyes, R43 May cause sensitization by skin contact, R65 Harmful: may cause lung damage if swallowed, R66 Repeated exposure may cause skin dryness or cracking, R67 Vapors may cause drowsiness and dizziness. SAFETY PHRASE: S16 Keep away from sources of ignition- No Smoking S23 Do not breathe vapor. S25 Avoid contact with eyes. S29 Do not empty into drains., S33 Take precautionary measures against.
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SECTION XVI – OTHER INFORMATION

EU Class and Risk/Safety Phrases for Referenced Ingredients (See Section 2):

Hazard Symbol:

Xi – Irritants, F – Highly Flammable, N – Dangerous for the environment. Chemicals that may present an immediate or delayed danger to one or more components of the environment. Xn – Chemicals that may cause damage to health.

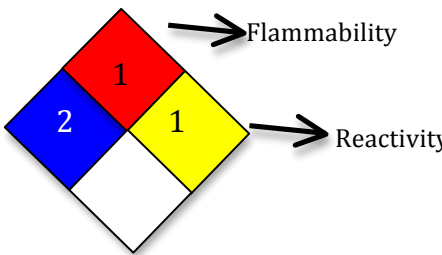
Risk Phrases:

R10: Flammable, R11: Highly Flammable, R36: Irritating to eyes, R37: Irritating to respiratory system, R50: Very toxic to aquatic organisms, R53: May cause long, R65: Harmful: may cause lung damage if swallowed. R66, R67

Safety Phrases:

Hazard Rating system (Pictograms)

NFPA:



Health ← → Flammability
→ Reactivity

HMIS:

2	HEALTH
3	FLAMMABILITY
1	REACTIVITY

N/E - Not Establish N/R – No Review N/DA – No Data Available N/A – Not Applicable
 OSHA PEL for nuisance dust 15mg/m³ (total dust) 5mg/m³ (Respirable dust)
 ACGIH PEL for nuisance dust 10mg/m³

Prepared By:	CHRISTRIO
Update Composition	Dec. 1 st ,2013

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