



# Material Safety Data Sheet

## PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** French Finish  
**Manufacture:** Tres Chic Nails  
P.O. Box 24500  
Rochester, NY 14624

**Version Number:** 01  
**MSDS / Product Code:** KIT052201-NSL  
**Issued Date:** 01-01-08

**Telephone Number:** 585-247-6060

**Fax Number:** 585-429-9897

## TELEPHONE NUMBERS – 24 HOUR EMERGENCY ASSISTANCE:

**Infotrac Domestic - 800-535-5053**

**Infotrac International - 352-323-3500**

## 1. COMPOSITIONAL INFORMATION

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits AGCGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Ethyl Acetate	141-78-6	205-500-4	Ethyl Acetate	400 ppm	400 ppm	no/no/no	30-40
Methyl Ethyl Ketone	78-93-3	201-159-0	MEK	200 ppm	200 ppm	no/no/no	20-30
Acrylates Copolymer	25035-69-2	N/E	Acrylates Copolymer	N/E	N/E	Not Listed	20-30
Butyl Acetate	123-86-4	204-658-1	Butyl Acetate	150 ppm	150 ppm	no/no/no	5-10
Isopropyl Alcohol	67-63-0	200-661-7	Isopropyl Alcohol	400 ppm	400 ppm	3/no/no	1-5
D&C Violet #2	81-48-1	201-353-5	Violet 2/CI60725	N/E	N/E	Not Listed	0-1
N/E – None Established N/R – Not Reviewed							

**Hazard Symbols:** Xn, F

**Risk Phrases:** R11, R20/22, R36/37/38

**Safety Phrases:** S7/9, S16, S24/25, S33, S37/39, S45

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

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

- May cause eye irritation.
- **Flammable liquid and vapor!**
- May cause skin irritation.
- Avoid prolonged or repeated breathing of gases, vapors or mists.

### Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry

Inhalation, skin contact, eye contact

Eye

Exposure causes eye irritation. Symptoms include stinging, tearing, redness and swelling.

Skin

Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying, cracking, and skin burns.

Ingestion

Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.



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Inhalation Vapor and mist are irritating to mucous membranes. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

Sub-Chronic Effects May cause headaches, nausea, vomiting and narcotic effect if over-exposed.

NOTE: Refer to Section 11, Toxicological Information for Details

### **3. FIRST AID MEASURES**

First Aid for Eye If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

First Aid for Skin Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention.

First Aid for Inhalation Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, seek medical attention.

First Aid for Ingestion If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.

### **4. FIRE FIGHTING MEASURES**

**Flash Point(°F/°C)**  
TAG Closed: 68°F/20°C

**Flammable Limit (vol%)**  
400 ppm

**Auto-ignition Temperature(vol%)**  
N/DA

**Method:**

Extinguishing Media: Foam, dry chemical, cold water spray.

Fire Fighting Instructions: Cool fire exposed containers with water, remove away from building. Use self-contained breathing apparatus to fight fire.

Unusual Hazards: When exposed to heat and flame material is fire explosion hazard. It may produce toxic products CO, Carbon dioxide and oxides of nitrogen.

### **5. ACCIDENTAL 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 material (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 for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.



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## 6. HANDLING AND STORAGE

**Handling** Keep containers cool and dry. Keep away from heat, light and ignition sources. Avoid breathing high vapor concentrations. Avoid prolonged or repeated contact with skin. Use only with adequate ventilation. Wash skin thoroughly after handling.

**Storage** Store in a well ventilated area. Store @ 70 +/- 15 ° F, allow some air space above liquid level. Keep containers closed while not in use.

**Explosion Hazard** Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

## 7. EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

**Engineering Controls** Facilities storing or utilizing this material should be equipped with an eye facility and safety shower. Use process enclosures local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

### 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** 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.

**Skin Protection** Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

**Respiratory 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.

## 8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Clear/cloudy, viscous liquid	Fruity ester odor	NA	(H <sub>2</sub> O=1): 0.98	300-400 cps	W/W%:99+

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/W	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
170°	N/A	N/A	N/A	(Air=1):1	N/A	NA	Insoluble

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature(vol%)
TAG Closed: 68°F/20°C	400 ppm	N/DA



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## 9. STABILITY AND REACTIVITY

**Stability:**

Stable

**Hazardous Decomposition Products:**

Heated material produces NO<sub>2</sub> , CO<sub>2</sub> , CO

**Conditions to Avoid:**

Heat, flame, ignition sources.

**Incompatibility (Materials to Avoid):**

Avoid oxidizing agents, acids & bases (heat)

**Hazardous Polymerization:**

May occur

## 10. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation – skin	Irritation – Eye
No information available	No information available	No information available	No information available	No information available

Since this product contains a very low concentration of active components, the primary toxicological information is derived from the oligomers. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.

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

## 11. ECOLOGICAL INFORMATION

**Ecotoxicological Information**

Acute Toxicity To Fish	Acute Toxicity To Invertebrates	Acute Toxicity To Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

**Chemical Fate Information**

<b>Biodegradability</b>	N/DA
<b>Chemical Oxygen Demand</b>	N/DA

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil.

## 12. 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 the 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. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.



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## 13. TRANSPORT INFORMATION

<b>DOT (49 CFR 172)</b>	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl acetate, MEK), 3, UN1993, PGII
Identification Number:	UN1993
Marine Pollutant:	No
Special Provisions:	T8, T31
<b>Emergency Response Guidebook (ERG) #:</b>	<b>128</b>
<b>IATA (DGR):</b>	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl acetate, MEK), 3, UN1993, PGII
Class or Division:	3
UN or ID Number:	UN1993
Packaging Instructions:	
<b>Emergency Response Guidance (ICAO)#:</b>	<b>3L</b>
<b>IMO (IMDG):</b>	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl acetate, MEK), 3, UN1993, PGII
Class or Division:	3.2
UN or ID Number:	UN1993
Special Provisions & Stowage/Segregation:	None
<b>Emergency Schedule (EmS)#:</b>	<b>307</b>
<b>Other Information:</b>	<b>Flash point = 20°C</b>

## 14. REGULATORY INFORMATION

### US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAPs): <ul style="list-style-type: none"> <li>• Methyl Ethyl Ketone, CAS# 78-93-3</li> </ul> There are no ODS's (ozone depleting substances) as defined by the U. S. Clean Air Act.
Clean Water Act: HS/Priority Pollutant	This product contains the following chemicals listed under the U. S. Clean Water Act Priority Pollutant and Hazardous Substance List: <ul style="list-style-type: none"> <li>• Butyl Acetate, CAS# 123-86-4</li> </ul>
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 hazard are: <ul style="list-style-type: none"> <li>• Immediate (acute) health hazard</li> <li>• Fire hazard</li> </ul>
RCRA	This product contains chemicals considered to be hazardous waste under RCRA (40CFR 261): <ul style="list-style-type: none"> <li>• Ethyl Acetate CAS# 141-78-6, RCRA Code U112</li> <li>• Methyl Ethyl Ketone, CAS# 78-93-3, RCRA Codes D035, U159</li> </ul> May contain Characteristic of Ignitability: RCRA Code: D001
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
SARA Title III: Section 302 (TPQ)	This product contains chemicals regulated under Section 302-304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): <ul style="list-style-type: none"> <li>• Ethyl Acetate CAS#: 141-78-6, RQ(Lbs)5000</li> <li>• Butyl Acetate CAS#: 123-86-4, RQ(Lbs)5000</li> <li>• Methyl Ethyl Ketone CAS#: 78-93-3, RQ(Lbs)5000</li> </ul>



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SARA Title III: Section 311-312:	This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: <ul style="list-style-type: none"> <li>• Immediate (acute) health hazard</li> <li>• Fire hazard</li> </ul>
SARA Title III: Section 313:	This product contains the following 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: <ul style="list-style-type: none"> <li>• Isopropyl Alcohol CAS#: 67-63-0</li> <li>• Methyl Ethyl Ketone CAS#: 78-93-3</li> </ul>
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals in this material have a SNUR under TSCA.

## State Regulations

CA Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4, Methyl Ethyl Ketone CAS 78-93-3
California No Significant Risk Level:	NONE
MA Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4, Methyl Ethyl Ketone CAS 78-93-3
NJ Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4, Methyl Ethyl Ketone CAS 78-93-3
PA Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4, Methyl Ethyl Ketone CAS 78-93-3
FL Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4, Methyl Ethyl Ketone CAS 78-93-3
MN Right-to-Know Law:	Ethyl Acetate CAS #141-78-6, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4, Methyl Ethyl Ketone CAS 78-93-3

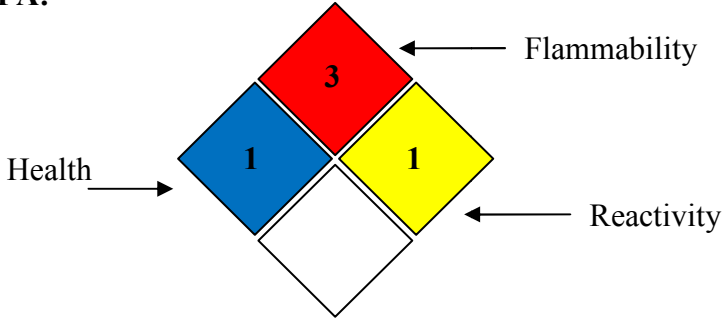
## International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Ethyl Acetate CAS #141-78-6 is on the DSL list. WHMIS = B2, D2B Isopropyl Alcohol CAS #67-63-0 is on the DSL list. WHMIS = B2, D2B Butyl Acetate CAS #123-86-4 is on the DSL list. WHMIS = B2, D1B, D2B Methyl Ethyl Ketone CAS 78-93-3 is on the DSL list. WHMIS = B2, D2A
EINECS: European Inventory:   	<b>Nail Sealer:</b> <ul style="list-style-type: none"> <li>• Hazard Symbols: Xi: Irritant, F: Highly Flammable</li> <li>• Risk Phrases: R22: Harmful if swallowed, R36/37/38: Irritating to eyes, respiratory system, and skin, R43: May cause sensitization by skin contact.</li> <li>• 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.</li> </ul>

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## 15. OTHER INFORMATION

Hazard Rating System (Pictograms)

<p><b>NFPA:</b></p>  <p style="text-align: right;">Health →</p> <p style="text-align: center;">← Flammability</p> <p style="text-align: right;">← Reactivity</p>	<p><b>HMIS:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 30px;">1</td> <td style="background-color: #0070C0; color: white;">Health</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="background-color: #FF0000; color: white;">Flammability</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="background-color: #FFFF00; color: black;">Reactivity</td> </tr> </table>	1	Health	3	Flammability	1	Reactivity
1	Health						
3	Flammability						
1	Reactivity						
Revised Sections since Last Version:	Changed/Updated Section 2, format changes throughout						

**Disclaimer:**

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