

## Section I - Product and Company Identification

**Product Name:** U.V. Top Coat

**Chemical Name:** LACQUER

**Family:** TOP COAT

**Manufacturer:** The Supply Source

4500 Hiatus Road #207, Sunrise, FL 33351

**Product Use:** NAIL TOP COAT

**Emergency Phone Numbers:** ( 800 ) 535 - 5053

**Formula:** PROPRIETARY SOLUTION

**Information Contacts:** 954-742-9553

## Section II - Hazardous Ingredients

Chemical Identity	CAS Numbers	%	Exposure Limits		Carcinogen
			OSHA TWA/STEL	ACGIH TWA/STEL	
Ethyl Acetate	141 - 78 - 6	<40	400 ppm	400 ppm	Not Listed
Butyl Acetate	123 - 86 - 4	<40	150 ppm	150 ppm	Not Listed
Methyl Ethyl Ketone	78 - 93 - 3	<10	200 ppm	200 ppm	Not Listed
Nitrocellulose	9004-70-0	<20	400 ppm	400 ppm	Not Listed
Isopropanol	67 - 63 - 0	<10	400 ppm	400 ppm	Not Listed
Acrylic polymers	-----	<5	-----	-----	Not Listed
Dibutyl Phthalate	84 - 74 - 2	<2	5 mg/m3	5 mg/m3	Not Listed

N/E - None Established  
 N/R - Not Reviewed  
 N/DA - No Data Available  
 N/A - Not Applicable

## Section III - Hazards Identification

### EMERGENCY OVERVIEW

- 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.
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

## Section IV - 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 leftside with the head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.

### Section V - Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
TAG Closed: 68 ° F	400 ppm	750 ° F - 900 ° F

Method:

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

Fire Fighting Instructions:      Wear self-contained breathing apparatus and protective clothing. **USE WATER WITH CAUTION.** Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire .Fight fire from a safe distance and protected location.

Unusual Hazards:      Flammable. When exposed to heat and flame material is a fire explosion hazard. It may produce toxic products CO, Carbon dioxide and oxides of nitrogen. Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations.

### Section VI - Accidental Release Measures

Spill or Release Procedures -      • Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill area into retaining containers. Place containers in well ventilated area. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

### Section VII - 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 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.

### Section VIII - Exposure Controls / Personal Protective Equipment

Engineering Controls      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      For open systems where contact is likely, wear long sleeves, chemical resistant gloves and chemical goggles. Provide eye wash stations and showers.
- Eye/ Face Protection      Chemical splash goggles in compliance with OSHA regulations are advised;however,OSHA regulations also permit other type of safety glasses.
- Skin Protection      Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
- Respiratory Protection      Use organic vapor mask and local exhaust systems.

### Section IX - Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Clear, 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 ° F	N/DA	N/DA	N/DA	(Air=1):1	NA	NA	Insoluble

### Section X - 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

### Section XI - Toxicological Information

**Acute Oral Toxicity**

Oral LD50 (rat) : 3.2-6.4g/kg

**Acute Dermal Toxicity**

Dermal LD50 (rabbit):  
>20mL/kg

**Acute Inhalation Toxicity**

Inhalation LC50 (rat) :  
3500 - 8000 ppm/4 hours

**Irritation - skin**

Rabbit : slight

**Irritation - Eye**

Rabbit : slight

**Sensitization**

N/DA

**Mutagenicity**

N/DA

**Sub-chronic Toxicity**

N/DA

### Section XII - Ecological Information

**Ecotoxicological Information**

**Acute Toxicity  
to Fish**

N/DA

**Acute Toxicity  
to Invertebrates**

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 Concentrations

- 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.

### Section XIV - Transport Information

- DOT/UN Shipping Name: UN 2059, Nitrocellulose solution, Flammable, Class 3, PG II

### Section XV - Regulatory Information

**US Federal Regulations**

Clean Air Act: HAP

This product contains the following hazardous air pollutant (HAP), as defined by the U. S. Clean Air Act :

Methyl Ethyl Ketone CASRN : 78933

Clean Air Act: ODS

This product neither contains, nor was manufactured with a Class I or Class II ozone depleting substance (ODS).

Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U.S. Clean Water Act Priority Pollutant List.
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: Immediate (acute) health hazard Fire hazard
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261). Ethyl Acetate            CASRN : 141 - 78 - 6    RCRA Code: U112 Methyl Ethyl Ketone    CASRN : 78 - 93 - 3    RCRA Code: U159 Dibutyl Phthalate      CASRN : 84 - 74 - 2    RCRA Code : U069
SARA Title III: Section 302	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
SARA Title III: Section 304	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List). Ethyl Acetate , CASRN : 141 - 78 - 6 , RQ (Lbs) : 5000 Butyl Acetate , CASRN : 123 86 4 , RQ (Lbs) : 5000 Methyl Ethyl Ketone , CASRN : 78 - 93 - 3 ; RQ (Lbs) : 5000 Dibutyl Phthalate , CASRN : 84 - 74 - 2 , RQ (Lbs) : 10
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 : Immediate (acute) health hazard Fire hazard
SARA Title III: Section 313:	This product contains chemicals 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 . Methyl Ethyl Ketone , CASRN : 78 - 93 - 3 Isopropyl Alcohol , CASRN : 67 - 63 - 0 Dibutyl Phthalate , CASRN : 84 - 74 - 2
TSCA Section 8(b): Inventory:	

### State Regulations

CA Proposition 65	This product contains no substances known to the State of California to cause cancer and adverse reproductive effects.
MA Right-to-Know Law:	Ethyl Acetate            CASRN:141 - 78 - 6 Butyl Acetate            CASRN : 123 - 86- 4
NJ Right-to-Know Law:	Ethyl Acetate            CASRN:141 - 78 - 6 Acetic Acid, Butyl Ester    CASRN : 123 - 86 - 4 Methyl Ethyl Ketone      CASRN : 78 - 93 - 3
PA Right-to-Know Law:	Acetic Acid Ethyl Ester    CASRN:141 - 78 - 6 Acetic Acid, Butyl Ester    CASRN : 123 - 86 - 4 2- Butanone                CASRN : 78 - 93 - 3

### International Regulations

CDSL: Canadian Inventory  
(on Canadian Transitional List)

The international ingredients of this product are listed.

EINECS: European Inventory:

No information available

### Section XVI - Other Information

Hazard Rating System

NFPA: Health = 1/Flammability = 3/Reactivity = 1

HMIS: Health = 1/Flammability/ = 3/Reactivity = 1

Product Number -

Approval Date:03/01/00

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