

## SAFETY DATA SHEET

In Accordance with GHS Rev05(2013): U.S. OSHA Standard 29 CFR 1910.1200.

**REVISION DATE:** January 31, 2018

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** CND Shellac UV Top Coat / Xpress5 Top Coat/ Duraforce Top Coat / Matte / Glitter / Pearl / Luxe Top Coat

**Bulk #:** CND-N-141, 467292, 468061, 468630, 469472

**Product Form:** Mixture

**Recommendations on use:** Cosmetic Preparation.

**Restrictions on use:** This industrial Safety Data Sheet is not intended for consumers and does not address consumer use of the product. Please read the labeling on the consumer package for proper use of this material. For external use only. Use only as directed.

**Address:**

Revlon Research Center  
2121 Route 27  
Edison, NJ 08818  
Telephone #: (732) 287-1400

CND, Inc  
9560 Towne Centre Drive Suite 200  
San Diego, California 92121  
Telephone #: 1-800-833-NAIL

**Emergency Telephone:**

Medical Emergencies: 303-739-1110  
CHEMTREC: 1-800-424-9300 or 703-527-3887 (spill related emergencies)  
Australia Poisons Information Centre: 13 1126

### 2. HAZARDS IDENTIFICATION

**GHS Classification:**

Flammable Liquid (Category 2)  
Acute Toxicity, Oral (Category 4)  
Skin Irritation (Category 2)  
Eye Irritation (Category 2A)  
Specific Target Organ Toxicity - Single Exposure (Category 3)

**Pictogram:**



**Signal Word:**

Warning

**Hazard Statement(s):**

H225	Extremely flammable liquid and vapor
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye irritation
H336	May cause drowsiness or dizziness

**Precautionary Statement(s):**

P210	Keep away from flames and hot surfaces. No smoking.
P233	Keep container tightly closed.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves.
P301 + P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P361 Take off contaminated clothing and wash before use.  
P371 + P378 In case of fire: Use appropriate media for extinction.  
P403 + P233 + P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
P501 Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

**Potential Health Effects:**

**Eye Contact:** May cause eye irritation. Avoid eye contact. Direct contact with this product may cause burning, tearing, redness, and swelling.  
**Skin Contact:** Not irritating under normal use. Do not use on broken or damaged skin. Use as directed.  
**Inhalation:** Fumes/vapors may be irritating to the nose and throat. Avoid inhalation of fumes and/or vapors. Use in a well ventilated area. Breathing high concentrations of fumes or vapors may cause nausea, headache, vomiting, and dizziness.  
**Ingestion:** Moderately toxic by ingestion. Avoid ingestion.

**Hazard Classification:**

**OSHA (USA):** Flammable liquid.  
**HMIS Rating:** Health: 2. Flammability: 3. Reactivity: 0.  
**NFPA Rating:** Health: 2. Flammability: 3. Reactivity: 0.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #:	%:
Aliphatic Urethane Methacrylate Oligomer	N/A	< 30
Di-HEMA trimethylhexyl Dicarbamate	41137-60-4	< 25
Tetrahydrofurfuryl Methacrylate	2455-24-5	< 25
Propylene Glycol Monomethacrylate	25322-69-4	< 20
Butyl Acetate	123-86-4	< 10
Ethyl Acetate	141-78-6	< 10
Ethyl Trimethylbenzoyl Phenylphosphinate	84434-11-7	< 5

### 4. FIRST AID MEASURES

**Eye Contact:** Flush eyes immediately with large amounts of water for 15 minutes. Seek medical attention if redness, swelling, itching, burning or visual disturbances occur.

**Skin Contact:** If irritation develops wash thoroughly with soap and water. Seek medical attention if redness, swelling, itching, or burning occurs.

**Inhalation:** If cough, shortness of breath or other breathing problems occur, move to fresh air. Seek medical attention if symptoms persist. If necessary, restore normal breathing through standard first aid measures.

**Ingestion:** Do not induce vomiting. If conscious, give several glasses of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms develop.

**Notes to Physician:** Treat symptomatically.

**Most important symptoms/effects, both acute and delayed:** No acute or delayed symptoms or effects occur when handling this product.

## 5. FIRE AND IGNITION INFORMATION

<b>Burn Rate:</b>	Not determined.
<b>Extinguishing Media:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Special Protective Actions for Fire-Fighters:</b>	Dangerous fire hazard when exposed to heat and flame. In the event of fire, wear self-contained breathing apparatus. Vapor may cause flash fire. Water spray may be used to keep fire-exposed containers cool and minimize risk of rupture.
<b>Unusual Fire/Explosion Hazard:</b>	Flammable. Above flash point, vapor-air mixtures may be a fire and explosion hazard. Vapors can flow along surfaces to distant ignition source and flash back. Sealed containers may rupture when heated. This material may produce a floating fire hazard. Sensitive to static discharge. May release irritating gases/fumes during thermal decomposition or burning.
<b>Specific Hazards Arising from the Chemical:</b>	Not Applicable.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Avoid inhalation vapors. Remove all sources of ignition. Ventilate area with explosion- proof equipment. Ensure adequate ventilation. Use personal protective equipment. See also Section 8.
<b>Methods for Cleaning Up:</b>	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment</p> <p>For small spills (e.g. <math>\leq 1</math> gallon (3.785 liters)) wear appropriate personal protective equipment (e.g. goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p>For spills <math>\geq 1</math> gallon (3.785 liters), deny entry to all unprotected individuals. Dike and contain all with inert material (e.g. sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap</p>
<b>Environmental Precautions:</b>	Do not flush to sewer. Local authorities should be advised if significant spillages cannot be contained.

## 7. HANDLING AND STORAGE

<b>Work &amp; Hygiene Practices:</b>	Avoid prolonged contact with the product. Avoid breathing vapors of this product. Use in a well-ventilated location (e.g. local exhaust ventilation, fans). Do not eat, drink, or smoke while handling product.
<b>Handling:</b>	Keep container closed. Avoid contact with skin and eyes. Do not breathe dust or aerosol. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Do not create a dust cloud by using a brush or compressed air.
<b>Storage:</b>	Keep in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Keep in properly labeled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE LIMITS

There are no exposure limits identified for this product. Exposure limits for individual ingredients are provided below:

#### Occupational Exposure Limits (OEL)

CAS No.	Components	mg/m <sup>3</sup>	Category	Origin
141-78-6	Ethyl Acetate	1400	TWA (8)	OSHA PEL
		1400	TWA (10)	NIOSH REL
		1440	TWA (8)	ACGIH TLV
123-86-4	Butyl Acetate	710	TWA (8)	OSHA PEL
		710	TWA (10)	NIOSH REL
		950	15 min	NIOSH STEL
				NIOSH IDLH
		710	TWA (8)	ACGIH TLV

IDLH: Immediately Dangerous to Life or Health concentration

PEL: Permissible Exposure Limit

OEL: Occupational Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TWA: Time Weighted Average

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

NIOSH: National Institute for Occupational Safety and Health

REL: Recommended Exposure Limit

### ENGINEERING CONTROLS

When working with large quantities of product, provide adequate ventilation (e.g. local exhaust ventilation, fans) Ensure that an eyewash station, since or washbasin is available in case of exposure to eyes.

### PERSONAL PROTECTIVE EQUIPMENT

#### Respiratory protection:

No special respiratory protection is required under typical circumstances of use of handling. If necessary, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia. Adequate ventilation required in production areas.

#### Hand Protection:

None required under normal use. May cause skin irritation in some sensitive individuals. When handling large quantities (e.g. ≥ 1 gallon (3.785 liters)), wear rubber or impervious plastic gloves. Wear suitable protective gloves..

#### Eye Protection:

None required under normal use. Avoid eye contact. May cause irritation in some sensitive individuals. When handling large quantities (e.g. ≥ 1 gallon (3.785 liters)), safety glasses with side shields should be used. Eye protection required in production areas.

#### Skin and Body Protection:

When handling large quantities (e.g. ≥ 1 gallon (3.785 liters)), an apron should be worn and eye wash stations and deluge showers should be available. Wear suitable protective clothing in production areas.

#### Other protective equipment:

None required under normal use. Skin protection required in production areas and when handling large quantities (e.g. ≥ 1 gallon (3.785 liters)). Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water. Handle in accordance with good industrial hygiene and safety practice. Emergency eyewash and safety shower should be located nearby.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance:

Varies

#### Odor:

Mild ester-like

#### Odor Threshold:

Not Known

#### pH:

Not Known

<b>Melting Point/Freezing Point:</b>	Not Known
<b>Boiling Point/ Boiling Range:</b>	100°C (212°F)
<b>Flash Point:</b>	-4c (Ethyl Acetate)
<b>VOC:</b>	1.5 lb/gal
<b>Evaporation Rate:</b>	0.3
<b>Flammability Classification:</b>	Flammable Liquid, Category 2
<b>Explosive Limits:</b>	Not Known
<b>Vapor Pressure:</b>	Not Known
<b>Vapor Density:</b>	Not Known
<b>Specific Gravity/Rel. Density:</b>	1.06
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coeff. (n-octanol//water):</b>	Not Known
<b>Auto-ignition temperature:</b>	Not Known
<b>Decomposition temperature:</b>	Not Known
<b>Viscosity:</b>	1500 – 4000 cP

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>Stability:</b>	Stable under ambient conditions when stored properly (See Section 7, Storage and Handling).
<b>Conditions to Avoid:</b>	Keep away from strong oxidizers, heat, sparks, open flame and sources of ignition.
<b>Incompatible With:</b>	This product is incompatible with alkaline metals, strong oxidizers (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or muriatic acids), or strong bases (e.g., lye, potassium hydroxide).
<b>Hazardous Decomposition Products:</b>	If exposed to extremely high temperatures, the product of thermal decomposition may include irritating vapors and carbon oxide gases (e.g., CO, CO <sub>2</sub> ).
<b>Hazardous Polymerization:</b>	May occur, if exposed to extremely high temperatures.

## 11. TOXICOLOGICAL INFORMATION

This formula was reviewed by the Global Product Safety and Regulatory Department of Revlon and is determined to be safe for its intended use. This review has taken into consideration available safety-related information including information on individual ingredients, similar formulas and potential ingredient interactions.

<b>Eye Irritation:</b>	May cause eye irritation. Avoid eye contact. Direct contact with this product may cause burning, tearing, redness, and swelling
<b>Skin Corrosion/Irritation:</b>	Not irritating under normal use. Do not use on broken or damaged skin.
<b>Respiratory or Skin Sensitization:</b>	Not a skin sensitizer.
<b>Acute toxicity:</b>	Not Available
<b>Germ Cell Mutagenicity:</b>	Does not contain any ingredients known to be mutagenic according to OSHA

<b>Carcinogenicity:</b>	Does not contain any ingredients known to be carcinogenic according to OSHA, NTP, and IARC
<b>Reproductive toxicity:</b>	Not expected to cause reproductive toxicity
<b>STOT – Single Exposure:</b>	Not expected to cause organ toxicity
<b>STOT – Repeat Exposure:</b>	Not expected to cause organ toxicity
<b>Aspiration Hazard:</b>	Not an aspiration hazard

## 12. ECOLOGICAL INFORMATION

This product has not been tested as a whole for environmental toxicity. However, environmental information on the ingredients in this product have been reviewed by the Global Product Safety and Regulatory Department of Revlon and determined to have an acceptable environmental profile.

<b>Aquatic Toxicity:</b>	Not expected to cause aquatic toxicity
<b>Persistence and Degradability:</b>	Not Available
<b>Bioaccumulative Potential:</b>	Not Available
<b>Mobility in Soil:</b>	Not Available
<b>Other Adverse Effects:</b>	Not expected to cause adverse effects

## 13. DISPOSAL CONSIDERATIONS

**Disposal:** Consult applicable Local and State Regulations for disposal of hazardous liquids. Do not dispose down sewer systems.

**RCRA Classification (40 CFR 261):** RCRA Class D001.

## 14. TRANSPORT INFORMATION

### FOR NON-BULK (FINISHED GOODS/RETAIL) SHIPMENT

**Ground (DOT):** Limited Quantity.

**Vessel (IMDG):** UN 1263, Paint, 3, III, Ltd Qty

**Air (IATA):** Consumer Commodity, 9, ID8000

### FOR BULK SHIPMENT

**DOT (Department of Transportation):**

**UN Number:** 1263

**UN Proper Shipping Name:** Paint

**UN Hazard Class:** 3

**UN Packing Group:** III

**IMDG (International Maritime Organization's Dangerous Goods Code):**

Use UN classification listed above.

**IATA (International Air Transport Association):**

Use UN classification listed above.

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA (Toxic Substances Control Act)**  
**DSL (Domestic Substance List)**

The product is exempt  
The following products are listed: Aliphatic Urethane Methacrylate Oligomer, Di-HEMA Trimethylhexyl Dicarboxate, Tetrahydrofurfuryl Methacrylate, Propylene

Glycol Acrylate, Butyl Acetate, Ethyl Acetate, Ethyl Trimethylbenzoyl  
Phenylphosphinate

## **U.S. Federal Regulations**

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

## **Clean Water Act**

This product does not contain any chemicals that are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

### **CERCLA**

This material, as supplied, does not contain any substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

## **U.S. State Regulations**

### **California Proposition 65**

This product does not contain any chemicals that are classified under Proposition 65.

### **U.S. State Right-To-Know Regulations**

<b>Ingredient</b>	<b>CAS #:</b>	<b>TSCA 8(b)</b>	<b>IL RTK</b>	<b>MA RTK</b>	<b>NJ RTK</b>	<b>PA RTK</b>	<b>RI RTK</b>
Aliphatic Urethane Methacrylated Oligomers	N/A	Yes		Yes	Yes	Yes	Yes
n-Butyl Acetate	123-86-4	Yes	Yes	Yes	Yes	Yes	Yes
Di-Hema Trimethylhexyl Dicarbamate	41137-60-4	Yes					
Tetrahydrofurfuryl Methacrylate	2455-24-5	Yes			Yes	Yes	
Propylene Glycol Methacrylate	25322-69-4	Yes			Yes	Yes	
Ethyl Trimethylbenzoyl Phenylphosphinate	84434-11-7	Yes					
Ethyl Alcohol	64-17-5	Yes		Yes	Yes	Yes	Yes

## **Canada**

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

## **16. OTHER INFORMATION**

**Last Revision:** Jan 2018  
**Prepared by:** Revlon Research Center

### **Manufacture Supplemental Notes:**

Read all warnings and directions on packaging carefully before use.

### **Additional MSDS Information:**

For external use only.

### **Disclaimer:**

Judgments as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore,

**Product Name:** CND Shellac UV Top Coat / Xpress5 Top Coat/ Duraforce Top Coat / Matte / Glitter / Pearl / Luxe Top Coat

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Page 8 of 7

although reasonable care has been taken in the preparation of such information, Revlon, Inc. extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.

**Comments:**

Cosmetic products are exempted from Safety Data Sheets by article 2.6 (b) of regulation (EC)n 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of chemicals (REACH) in Europe.

Cosmetic products are partially exempt from Canada's Workplace Hazardous Materials Information System (WHMIS) by section C of the regulation.

Cosmetic product for consumer use are exempted from labeling requirements under the United States Occupational Safety and Health Administration's Hazard Communication Standard 29 CFR 1910.1200 under section 29 CFR 1910.1200(b)(5)(iii). Cosmetics are covered by the Food and Drug Administration's Food, Drug and Cosmetic Act and Consumer Product Safety Act.