

## SAFETY DATA SHEET

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

REVISION DATE: May 29, 2015

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** CND Shellac UV Base Coat

**Bulk #:** CND-N-139

**Product Form:** Mixture

**Recommendations on use:** Professional Use Only.

**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)

### 2. HAZARDS IDENTIFICATION

**GHS Classification:**

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

**Pictogram:**



**Signal Word:**

Danger

**Hazard Statement(s):**

H225	Extremely flammable liquid and vapor
H302	Harmful if swallowed
H320	Causes 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.
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.
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:** May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.
- 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**

<b>HAZARDOUS INGREDIENTS:</b>	<b>CAS #:</b>	<b>%:</b>
Tetragydrofurfuryl Methacrylate	2455-24-5	15 – 25
PPG-5 Methacrylate	39420-45-6	15 – 25
Acetone	67-64-1	1 – 10
Ethyl Alcohol	67-17-5	1 – 5
Butyl Acetate	123-86-4	1 – 5

**4. FIRST AID MEASURES**

- Eye Contact:** Flush eyes immediately with large amounts of water for 15 minutes. Open and close eyelid(s) to ensure thorough irrigation. Seek medical attention if redness, swelling, itching, burning or visual disturbances occur.
- Skin Contact:** If irritation develops immediately wash thoroughly with soap and large amounts of water. Do not wear contaminated clothing until after it has been properly cleaned. 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. Contact ChemTrec at +1(703) 527-3887 or the nearest Poison control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
- 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**

- Burn Rate:** Not determined.
- Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Special Protective Actions for Fire-Fighters:** 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.

**Unusual Fire/Explosion Hazard:** 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.

**Specific Hazards Arising from the Chemical:** Not Applicable.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** 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.

**Methods for Cleaning Up:** Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment

For small spills (e.g.  $\leq 1$  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.

For spills  $\geq 1$  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 and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

**Environmental Precautions:** Do not flush to sewer. Local authorities should be advised if significant spillages cannot be contained.

## 7. HANDLING AND STORAGE

**Work & Hygiene Practices:** 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.

**Handling:** 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.

**Storage:** 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
67-64-1	Acetone	2400	STEL	OSHA PEL
		2400	TWA (10) TWA (8)	OSHA PEL
		590		NIOSH REL

		500 (ppm)	TWA	ACGIH TLV
123-86-4	Butyl Acetate	710	TWA (8)	OSHA PEL
		710	TWA (10)	NIOSH REL
		950	15 min	NIOSH STEL
		710	TWA (8)	NIOSH IDLH ACGIH TLV
64-17-5	Ethyl Alcohol	1900	TWA (8)	OSHA PEL
		1900	TWA (10)	NIOSH REL
		6270		NIOSH IDHL

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:** Lightly yellow, transparent, viscous liquid

**Odor:** Ester-like

**Odor Threshold:** Not Known

**pH:** Not Known

**Melting Point/Freezing Point:** Not Known

<b>Boiling Point/ Boiling Range:</b>	56.5°C (133.7°F)
<b>Flash Point:</b>	-17°C (1.4°F).
<b>Flash Point Method:</b>	Closed Cup (ASTM D 6450-05)
<b>VOC:</b>	0.523 lb/gal
<b>Evaporation Rate:</b>	5.6 (based on acetone)
<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>	1.02
<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>	400 – 600 cP

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>Stability:</b>	Stable under normal temperatures and pressures.
<b>Conditions to Avoid:</b>	Keep away from strong oxidizers, heat, sparks, open flame and sources of ignition.
<b>Incompatible With:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Oxides of carbon.
<b>Hazardous Polymerization:</b>	Hazardous polymerization does not occur.

## 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>	May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.
<b>Respiratory or Skin Sensitization:</b>	May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.
<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>	May cause dizziness or drowsiness
<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, II, 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:** II

**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: Ethyl Alcohol, Acetone, Butyl Acetate, Tetrahydrofurfuryl Methacrylate, PPG-5 Methacrylate

### 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

Ingredient	CAS #:	TSCA 8(b)	IL RTK	MA RTK	NJ RTK	PA RTK	RI RTK
Acetone	67-64-1	Yes		Yes	Yes	Yes	
n-Butyl Acetate	123-86-4	Yes	Yes	Yes	Yes	Yes	Yes
Ethyl Alcohol	64-17-5	Yes		Yes	Yes	Yes	Yes
Poly(propylene glycol) Methacrylate	39420-45-6	Yes			Yes	Yes	
Tetrahydrofurfuryl Methacrylate	2455-24-5	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:** Sept 15, 2010.  
**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, 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.