

SAFETY DATA SHEET

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

REVISION DATE: January 13, 2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CND Shellac UV Top Coat / Xpress5 Top Coat

Bulk #: CND-N-141, 467292

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	1 – 20
Tetrahydrofurfuryl Methacrylate	2455-24-5	1 – 20
Propylene Glycol Monomethacrylate	25322-69-4	1 – 20
Butyl Acetate	123-86-4	1 – 10
Ethyl Acetate	141-78-6	1 – 10
Ethyl Trimethylbenzoyl Phenylphosphinate	84434-11-7	1 – 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

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:	<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. ≤ 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.</p> <p>For spills ≥ 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</p>
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 ³	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
		710	TWA (8)	NIOSH IDLH 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: Slightly Blue transparent viscous liquid

Odor: Mild ester-like

Odor Threshold: Not Known

pH: Not Known

Melting Point/Freezing Point:	Not Known
Boiling Point/ Boiling Range:	100°C (212°F)
Flash Point:	27°C (80.6°F).
Flash Point Method:	Closed Cup (ASTM D 6450-05)
VOC:	1.5 lb/gal
Evaporation Rate:	0.3
Flammability Classification:	Flammable Liquid, Category 2
Explosive Limits:	Not Known
Vapor Pressure:	Not Known
Vapor Density:	Not Known
Specific Gravity/Rel. Density:	1.06
Solubility in Water:	Insoluble

Partition Coeff. (n-octanol/water):	Not Known
Auto-ignition temperature:	Not Known
Decomposition temperature:	Not Known
Viscosity:	1500 – 2500 cP

10. STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Keep away from strong oxidizers, heat, sparks, open flame and sources of ignition.
Incompatible With:	Strong oxidizing agents.
Hazardous Decomposition Products:	Oxides of carbon.
Hazardous Polymerization:	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.

Eye Irritation:	May cause eye irritation. Avoid eye contact. Direct contact with this product may cause burning, tearing, redness, and swelling
Skin Corrosion/Irritation:	Not irritating under normal use. Do not use on broken or damaged skin.
Respiratory or Skin Sensitization:	Not a skin sensitizer.
Acute toxicity:	Not Available
Germ Cell Mutagenicity:	Does not contain any ingredients known to be mutagenic according to OSHA
Carcinogenicity:	Does not contain any ingredients known to be carcinogenic according to OSHA, NTP, and IARC
Reproductive toxicity:	Not expected to cause reproductive toxicity
STOT – Single Exposure:	Not expected to cause organ toxicity
STOT – Repeat Exposure:	Not expected to cause organ toxicity
Aspiration Hazard:	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.

Aquatic Toxicity:	Not expected to cause aquatic toxicity
Persistence and Degradability:	Not Available

Bioaccumulative Potential: Not Available
Mobility in Soil: Not Available
Other Adverse Effects: 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 Urethan Methacrylate Oligomer, Di-HEMA Trimethylhexyl Dicarboxylate, 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

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	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
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: March 18, 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.