

SAFETY DATA SHEET

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

REVISION DATE: September 14, 2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CND Toughen Up
Bulk #: CND-N-040
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)

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: Mildly to moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation, and watering.

Skin Contact: May be irritating to skin in some sensitive individuals, especially after prolonged contact.

Inhalation: Fumes/vapors may be slightly irritating to the nose, throat, and other tissues of the respiratory system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing.

Ingestion: If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous system depression

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 #:	%:
Butyl Acetate	123-86-4	1 – 40
Ethyl Alcohol	64-17-5	1 - 30
Heptane	142-82-5	1 – 20
Ethyl Acetate	141-78-6	1 – 10
Polyvinyl Butyral	63148-65-2	1 – 10
Nitrocellulose	9004-70-0	1 – 5
Isopropyl Alcohol	67-63-0	1 – 5
Tosylamide/Epoxy Resin	N/A	1 – 5

4. FIRST AID MEASURES

Eye Contact: Splashes are not likely, however, if product gets in the eyes flush with copious amounts of lukewarm water for at least 15 minutes. Open and close eyelid(s) to ensure thorough irrigation. If irritation occurs, contact a physician.

Skin Contact: If irritation occurs and product is on skin rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. Do not wear contaminated clothing until after it has been properly cleaned. If irritation, redness, or swelling persists, contact a physician immediately.

Inhalation: Remove victim to fresh air at once. Under extreme conditions if breathing stops, perform artificial respiration and seek immediate medical attention.

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. < 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. Reclaim 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 use.

For spills ≥ 1 gallon (3.785 liters) deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g. sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers 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 this material. Avoid breathing the vapors generated by this product. Use in a well-ventilated location (e.g. local exhaust ventilation, fans). Wash skin thoroughly with plenty of soap and water after using this product. Do not eat, drink, or smoke while handling this product.

Handling:

Keep this material away from heat, sparks and open flame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care.

Storage:

Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (see Section 10, Stability and Reactivity). As a precaution against exposure to the eyes, nose, throat, and face, this product should not be stored higher than waist level.

Special Precautions:

Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care.

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
64-17-5	Ethyl Alcohol	1900	TWA	ACGIH TLV
		1900	TWA	OSHA PEL
		1900	TWA	NIOSH REL
141-78-6	Ethyl Acetate	1400	TWA (8)	OSHA PEL
		1400	TWA (10)	NIOSH REL
		1440	TWA (8)	ACGIH TLV
142-82-5	Heptane	350	TWA	NIOSH REL
		2000	15 min	OSHA EL
		1600	TWA	OSHA PEL
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
67-63-0	Isopropyl Alcohol	980	TWA (8)	OSHA PEL
		980	TWA (10)	NIOSH REL
		1225	15 min	NIOSH STEL
		980	TWA (8)	ACGIH TLV
		1230	15 min	ACGIH STEL

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 eye wash station, sink, 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 or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.

Hand Protection:	None required under normal conditions of 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.
Eye Protection:	None required under normal conditions and 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 worn.
Skin and Body Protection:	No apron required when handling small quantities. When handling large quantities (e.g. ≥ 1 gallon (3.785 liters)), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.
Other protective equipment:	None required under normal use. Skin protection required in production areas. 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:	Transparent to pale violet viscous liquid
Odor:	Sweet ester
Odor Threshold:	Not Known
pH:	Not Known
Melting Point/Freezing Point:	Not Known
Boiling Point/ Boiling Range:	77 – 109°C (171-228°F) Calculated
Flash Point:	-4°C (24°F).
Flash Point Method:	Estimated based on ethyl acetate.
VOC:	0.54 lb/gal
Evaporation Rate:	Not Known
Flammability Classification:	Flammable Liquid, Category 2
Explosive Limits:	Not Known
Vapor Pressure:	Heavier than air
Vapor Density:	Not Known
Specific Gravity/Rel. Density:	0.836
Solubility in Water:	Moderately soluble
Partition Coeff. (n-octanol//water):	Not Known
Auto-ignition temperature:	Not Known
Decomposition temperature:	Not Known
Viscosity:	Not Known

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:	Mildly to moderately irritating
Skin Corrosion/Irritation:	May cause irritation in some sensitive individuals
Respiratory or Skin Sensitization:	May cause irritation in some sensitive individuals
Acute toxicity:	If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous system depression.
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:	Fumes/vapors may be slightly irritating to the nose, throat, and other tissues of the respiratory system.

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
Biological Oxygen Demand (BOD):	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, 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 Acetate, Butyl Acetate, Nitrocellulose, Isopropyl Alcohol, Heptane, Ethyl Alcohol, Polyvinyl Butyral, Tosylamide/Epoxy Resin

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
Ethyl Acetate	141-78-6	Yes	Yes	Yes	Yes	Yes	Yes
n-Butyl Acetate	123-86-4	Yes	Yes	Yes	Yes	Yes	Yes
Nitrocellulose	9004-70-0	Yes	Yes	Yes	Yes	Yes	Yes
Isopropyl Alcohol	67-63-0	Yes		Yes	Yes	Yes	Yes
Polyvinyl Butyral	63148-65-2	Yes			Yes	Yes	
Heptane	142-82-5	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: July 31, 2009.
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.