

SAFETY DATA SHEET

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

REVISION DATE: August 4, 2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CND Gel Bond

Bulk #: 4700867000

Product Form: Mixture

Recommendations on use: Professional or Sundry 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 4
Skin Irritation (Category 3)
Eye Irritation (Category 2B)
Specific target organ –single exposure (Category 3), Respiratory System

Pictogram:



Signal Word:

Warning

Hazard Statement(s):

H227	Combustible Liquid
H316	Causes mild skin irritation
H320	Causes eye irritation
H335	May cause respiratory irritation

Precautionary Statement(s):

P210	Keep away from flames and hot surfaces. No smoking.
P264	Wash skin thoroughly after handling
P280	Wear protective gloves/ clothing/ eye and face protection
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P304 + P340	IF INHALED: Remove person to fresh air and keep at rest in a position 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
P337 + P313	If eye irritation persists: Get medical advice/attention.
P371 + P378	In case of fire: Use appropriate media for extinction.
P403 + P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

Potential Health Effects:

Eye Contact: Eye irritant. Avoid direct eye contact.
Skin Contact: Warning! This product will bond skin instantly. May be irritating to skin.
Inhalation: Vapors of this product may be slightly irritating to the nose, throat and other tissues of the respiratory system.
Ingestion: Not expected to cause irritation under normal conditions and use. May be harmful if large quantities are ingested.

Unknown Toxicity

0% of mixture consists of ingredient(s) of unknown toxicity

Hazard Classification:

OSHA (USA): Combustible liquid.
HMIS Rating: Health: 2. Flammability: 2. Reactivity: 0.
NFPA Rating: Health: 2. Flammability: 2. Reactivity: 0.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT:	CAS #:	%:*
Ethyl Cyanoacrylate	7085-85-0	85 – 95

*Note: Any value shown as a range is due to batch-to-batch variation

4. FIRST AID MEASURES

Eye Contact: Flush eyes immediately with large amounts of lukewarm 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 and product is on the skin rinse thoroughly with lukewarm water, followed by a thorough washing of affected area with soap and water. Do not wear contaminated clothing until after it has been properly cleaned. Seek medical attention if redness, swelling, itching, or burning occurs.

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

Ingestion: Do not induce vomiting! If conscious, give several glasses of water or milk IMMEDIATELY. Never give anything by mouth to an unconscious person. Contact ChemtRec at +1(703)527-3887 or the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.

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: Combustible. 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 of dust and vapors. Remove all sources of ignition. 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). 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 and contaminated clothing and wash thoroughly before reuse.

For spills \geq 1 gallon (3.785 liters), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g. sand or earth). 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:

No special environmental precautions required. Local authorities should be advised if significant spillages cannot be contained.

7. HANDLING AND STORAGE

Working & 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 vapors. Provide appropriate exhaust ventilation at machinery and at places where vapors 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 the individual ingredients are listed below:

Occupational Exposure Limits (OEL)

CAS No.	Components	ppm	Category	Origin
7085-85-0	Ethyl Cyanoacrylate	2	TWA (8 h)	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

Ensure adequate ventilation to minimize exposure. Provide appropriate exhaust ventilation where dust or aerosols can be generated.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection:	No special respiratory protection is required under typical circumstances of use of handling. In instances where vapors or sprays of this product are generated and respiratory protection is needed, 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:	Warning! This product will bond skin instantly. If necessary, refer to U.S. OSHA 29 CFR §1910.134, or applicable U.S. State regulations, or the appropriate standards of Canada, its provinces,, E.C. member states, or Australia.
Eye Protection:	Use eye protection when using any amount of this product. This product is irritating to the eyes. 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:	Clear to slightly cloudy pink gel
Odor:	Sharp irritating
Odor Threshold:	Not Known
pH:	Not Known
Melting Point/Freezing Point:	Not Known
Boiling Point/ Boiling Range:	$> 149^{\circ}\text{C}$ (300°F)
Flash Point:	$80 - 93^{\circ}\text{C}$ ($176 - 200^{\circ}\text{F}$).
Flash Point Method:	Closed Cup (ASTM D 6450-05)
% Volatile:	$< 20\text{g/L}$ by volume
Evaporation Rate:	Not Known
Flammability Classification:	Flammable Liquid, Category 4
Explosive Limits:	Not Known
Vapor Pressure:	$< 0.2\text{mm Hg}$ @ 24°C
Vapor Density:	Not Known
Specific Gravity/Rel. Density:	1.05
Solubility in Water:	Polymerizes in the presence of water
Partition Coeff. (n-octanol//water):	Not Known
Auto-ignition temperature:	Not Known

Decomposition temperature: Not Known

Viscosity: Gel

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: Eye irritant

Skin Corrosion/Irritation: May be irritating to skin

Respiratory or Skin Sensitization: May be irritating to skin

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: Vapors may be slightly irritating to the nose, throat and other tissues of the respiratory system.

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 non-hazardous liquids or solids. Do not dispose down sewer systems. Disposal in a properly regulated landfill is acceptable.

14. TRANSPORT INFORMATION

FOR NON-BULK (FINISHED GOODS/RETAIL) SHIPMENT

Ground (DOT): Not hazardous for transport.

Vessel (IMDG): Not hazardous for transport.

Air (IATA): UN 3334, Aviation Regulated Liquid, n.o.s.(Ethyl Cyanoacrylate), 9 (500 mL max per package)

FOR BULK SHIPMENT

DOT (Department of Transportation): Not hazardous for transport.

UN Number: Non-regulated

UN Proper Shipping Name: Non-regulated

UN Hazard Class: Non-regulated

UN Packing Group: Non-regulated

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

Use UN classification listed above.

IATA (International Air Transport Association):

UN 3334, Aviation Regulated Liquid, n.o.s.(Ethyl Cyanoacrylate), 9 (500 mL max per package)

Not Regulated by DOT if shipped in containers less than 119 gallons.

Regulated as NA1993, Combustible liquid, n.o.s. (Silicones mixture), PG III, if shipped in containers greater than 119 gallons.

15. REGULATORY INFORMATION

International Inventories

TSCA (Toxic Substances Control Act)

The product is exempt

DSL (Domestic Substance List)

The following is listed: Ethyl Cyanoacrylate

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)	MA RTK	NJ RTK	PA RTK
Ethyl Cyanoacrylate	7085-85-0	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: 1/14/2014.
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.