

# MATERIAL SAFETY DATA SHEET

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Name of Product: Gelbond (FNGEL)	n/a
<b>Section I – Product and Company Information</b>	
Manufacture's Name Just For Toenails, LLC	Emergency Telephone Number 1-800-424-9300 National Poison Center (International Number) 703-527-3887
(Address) 1224 Taft Highway	Telephone Number for Information 1-423-667-4992
(City, state, postal code) Signal Mountain, TN 33737	Data Prepared/Supersedes 03-05-08
(General Use) Adhesive	Signature of Preparer (Optional)

## Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specify Chemical Identity:	Common Name(s) OSHA PEL ACGIH TLV	Other Limits Recommended	% Optional)
Ethyl Cyanoacrylate	(7085-85-0)	80 – 95	
Poly (Methyl Methacrylate)	(9011-14-7)	5 – 10	
Silicones and siloxanes, dimethyl reaction products with silica (67762-90-7)		5 – 10	
Butylated Hydroxyanisole*	(25013-16-5)	0.1 – 0.2	

\* Prop 65 Chemical (No significant risk level 4,000 micrograms/day.)

## Section III – Physical/Chemical Characteristics

Boiling Point	>300°F	Specific Gravity (H2O =1) @ 80°F	~1.1
Vapor Pressure (mm Hg)	<0.2mm Hg @ 75°F	Melting Point	n/a
Vapor Density (AIR = 1)	Approximately 3	Evaporation Rate (Butyl Acetate = 1)	n/a
Solubility in Water	Polymerized by water		
Appearance and Odor	Clear gel, sharp irritating odor.		

## Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)	150 - 200°F TCC	Flammable Limits	LEL N/A	UEL N/A
<b>Extinguishing Media:</b>	Dry chemical, CO2, foam			
<b>Special Fire Fighting Procedures:</b>	Self contained breathing apparatus			

**Unusual Fire and Explosion Hazards:** Possible exothermic reaction leading to substrate ignition and fume generation.

## Section V – Health Hazard Data

<b>Threshold Limit Value:</b> Ethyl Cyanoacrylate 0.2ppm TWA(ACGIH); Butylated Hydroxyanisole 2mg/m3 TWA (ACGIH) and OSHA(PEL).
<b>Effects of overexposure:</b> Vapor is irritating to eyes and mucous membranes. Prolonged and repeated overexposure to vapors may produce allergic reactions with asthma like symptoms in sensitive individuals. Skin contact: <b>Bonds skin in seconds. Large drops may cause burns.</b> Ingestion: not expected to be harmful by ingestion. Rapidly solidifies and bonds to mouth.
<b>Emergency and First Aid Procedures:</b> Ingestion: Keep individual calm. Ensure breathing passages are not obstructed. Saliva will separate solidified product within hours. Avoid swallowing. Inhalation: Remove to fresh air. If discomfort persists seek medical attention. Skin Contact: Immerse bonded surface in soapy water. Peel or roll surface apart with aid of blunt edge. Do not pull apart with direct opposing action. Eye Contact: Flush at least 15 minutes with water and apply gauge patch. Eye will open within 1-4 days. Obtain medical attention. Burns: Should be treated normally after the lump of cyanoacrylate is released from the tissue.

## Section VI – Reactivity Data

Stability	Unstable		Conditions to Avoid: Amines, base materials.
	Stable	X	(Under normal conditions)
Incompatibility (Materials to avoid)	Water, amines, alkalis and alcohols.		
Hazardous Decomposition Products	None		
Hazardous Polymerization	May occur	X	Rapid exothermic solidification will occur in the presence of water, alcohol, amines or alkali.
	Will not occur		

## Section VII – Spill or Leak Procedures

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**Steps to be taken in case material is to be released or spilled:** Flood with water to polymerize.

**Waste Disposal Method:** Incinerate in accordance with EPA and Local regulations.

## Section VIII – Special Protective Information

**Respiratory Protection** (*Specify Type*) None needed for normal use.

<b>Ventilation:</b> Local ventilation recommended for prolonged use.	<b>Local Exhaust</b> Recommended	<b>Special</b> None
	<b>Mechanical</b> Not Applicable	<b>Other</b> None

**Protective Gloves:** Polyethylene gloves, do not use cotton gloves.

**Eye Protection:** Safety Glasses or Goggles.

**Other Protective Equipment:** Polyethylene/polypropylene coats or aprons (not rubber or cotton).

## Section IX – Special Precautions

**Precautions to be taken in handling and storing:**

Store below 75°F to maximize shelf life. Avoid contact with eyes, skin and clothing.  
SKIN CONTACT THROUGH CLOTHING MAY CAUSE BURNS.

**Other Precautions:**

Avoid breathing vapor. Keep away from children. Avoid contact with fabric or paper goods. Take precautions to avoid spillage on countertops, table tops or other working surfaces.

## Section X – Regulatory Information

CERCLA/SARA Section 311/312: Immediate/Delayed health hazard fire, reactive. WHMIS Hazard Class: B.3, D.2.B. All components are listed or are exempt from listing on the TSCA Inventory and the DSL.

Estimated HMIS Code: Fire Hazard (2), Health Hazard (2), Reactivity (1)

## Section X – Transportation Information

DOT (49CFR172):

**Proper Shipping Name:** Consumer Commodity

**Hazard Classification:** ORM-D

Unrestricted [Less than 450 L]

NA1993, Combustible liquid, n.o.s. (cyanoacrylate ester), 3, III [More than 450 L]

IATA:

Unrestricted [Not more than 500ml]

UN3334, Aviation regulated liquid, n.o.s., (cyanoacrylate ester), 9 [More than 500 ml]

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