



MATERIAL SAFETY DATA SHEETS

SECTION I: SUBSTANCE IDENTIFICATION AND COMPANY INFORMATION

MANUFACTURER'S NAME: ENTITY BEAUTY, INC. **USA/CANADA EMERGENCY TELEPHONE:** 1.800.535.5053
INTERNATIONAL EMERGENCY TELEPHONE: 1.352.323.3500
INFORMATION CONTACT: INFOTRAC

ADDRESS: 440 W. ONTARIO STREET
 CHICAGO, IL 60654 USA

PRODUCT TYPE: ACRYLIC LIQUID **ENTITY'S FORMULA NUMBER:** CONFIDENTIAL
PRODUCT CODE: TB1742D
FAMILY: NAIL ADHESIVE
TRADE NAME: FUSE NAIL ADHESIVE
ISSUED: DECEMBER 15, 2005 (REVISION 1)

PRODUCT USE: ADHESION

SECTION II: COMPOSITION AND INGREDIENT INFORMATION

Hazard Symbols: Xi, Xn **Safety Phrases:** S2, S23, S224/25, S26, S36/37/39, S61 **Risk Phrases:** R22, R36/37/38, R40, R41, R43, R50, R68

<u>CAS Number</u>	<u>EINECS#</u>	<u>U. S. INCI</u>	<u>EU INCI</u>
7085-85-0	230-391-5	Ethyl 2- cyanoacrylate	Ethyl 2-cyanoacrylate
123-31-9	204-617-8	Hydroquinone	Hydroquinone

<u>Chemical Identity</u>	<u>Exposure</u> OSHA TWA/STEL	<u>Limits</u> ACGIH TWA/STEL	<u>Carcinogen</u> IARC/NTP/OSHA	<u>%</u>
Ethyl 2-cyanoacrylate	N/E	1 mg/m ³	Not listed	95-100
Hydroquinone	2 mg/m ³	2 mg/m ³	IARC: 3	0.2

N/E =None
Established

SECTION III: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- **Combustible liquid and vapor**
- May cause eye irritation.
- Bonds instantly to skin
- May cause mucous membrane and respiratory tract damage.
- Unstable (reactive) upon contact with water or alkaline substances that can result in skin burns.
- Please read entire MSDS for additional information.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: Inhalation , skin , eyes
Eye: Exposure causes eye irritation.

Skin: Bonds instantly to skin.

Ingestion: No known hazard.
Inhalation: Vapor and mist are irritating to mucous membranes



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Medical Conditions

Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate any medical condition.

Chronic Health Effects: Repeated use may result in irritation of mucous membranes and upper respiratory tract.

NOTE: Refer to Section 11, Toxicological Information for Details

SECTION IV: FIRST AID MEASURES

First Aid for Eye: IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Do not attempt to pull apart bonded eyelid. Seek medical attention.

First Aid for Skin: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and soap. Seek medical attention to remove cured material.

First Aid for Inhalation: Remove to fresh air. If having breathing difficulty, give oxygen. If breathing has stopped, give artificial respiration. Get medical help if discomfort persists.

First Aid for Ingestion: Do not induce vomiting.
Saliva will cause cyanoacrylate to polymerize in the mouth. If lips are bonded together, use warm water to gently separate the lips apart.

Notes to Physician: Cured adhesive does not pose a health risk.

SECTION V: FIRE FIGHTING METHODS

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
Closed Cup: 142°F/79°C	N/A	N/A

Method:

Extinguishing Media: Foam, dry chemical, cold water spray. Do not use water jet.

Fire Fighting Instructions: Wear self-contained breathing apparatus and protective clothing. USE WATER WITH CAUTION. Water spray may be used to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a safe distance and protected location.

Unusual Hazards: Combustible. When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products CO, carbon dioxide.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures: Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

SECTION VII: HANDLING AND STORAGE

Handling: Keep away from heat, sparks, flames and other sources of ignition. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use with adequate ventilation. Ground all metal containers when transferring and use explosion-proof equipment. Follow all MSDS/label precautions even after the container is emptied because it may retain product residues. Wash thoroughly after handling.



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Storage: Store in a cool, dry area. Keep container closed when not in use. Store at ambient temperatures out of direct sunlight. Store in a well ventilated place. Store in accordance with National Fire Protection Association recommendations. Maintain air space inside storage containers. Inhibitor requires air (oxygen) contact to function. Check inhibitor levels after 3 months and return to original level.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

Personal Protective Equipment

General: To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product. Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Eye/ Face Protection: Wear safety glasses. Wear coverall chemical splash goggles and face shield when possibility exists for eye and face contact due to splashing or spraying material.

Skin Protection: Use impermeable clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Neoprene and Nitrile rubber is better than PVC.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear liquid	Odor & Odor Threshold Acrid		pH Basic (1% soln.)	Specific Gravity (H2O=1): 1.05	Viscosity 45 cps	% Volatile - W/W%: N/DA		
Boiling Point/ Freezing Point >190°C(374°F)	Decomposition Temperature N/DA	Octanol/Water Partitioning Coefficient N/DA	Vapor Pressure: 0.3 mm Hg	Vapor Density (Air=1): >1	Evaporation Rate N/A	Ignition N/A	Solubility In Water (20°C) Insoluble	
Flash Point (°F/°C) Tag Closed Cup: 174°F/79°C		Flammable Limit (vol%) N/DA			Auto-ignition Temperature (vol%) N/DA			

SECTION X: STABILITY AND REACTIVITY

<p>Stability: Stable but water reactive.</p> <p>Hazardous Decomposition Products: Oxides of carbon, nitrogen when burned.</p> <p>Conditions to Avoid: Heat, flames, ignition, moisture sources.</p>	<p>Incompatibility (Materials to Avoid): Reactive with alkalis, moisture, peroxides.</p> <p>Hazardous Polymerization: May occur upon contact with water or alkaline substances.</p>
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SECTION XI: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity Oral LD50 (rat): N/DA	Acute Dermal Toxicity Dermal LD50 (rabbit): N/DA	Acute Inhalation Toxicity Humans: Vapors are irritating to mucous membrane and upper respiratory tract.	Irritation - skin Humans: bonds	Irritation - Eye Humans: slight
Sensitization N/DA	Mutagenicity N/DA		Sub-chronic Toxicity N/DA	

SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicological Information

Acute Toxicity to Fish N/DA	Acute Toxicity to Invertebrates N/DA	Acute Toxicity to Algae N/DA	Bioconcentration N/DA	Toxicity to Sewage Bacteria N/DA
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Chemical Fate Information

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

SECTION XIII: DISPOSABLE CONSIDERATION

Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate.

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

SECTION XIV: TRANSPORTATION INFORMATION

DOT (49 CFR 172)	Volume of 450 liters (119 gallons) or less are not regulated.
Proper Shipping Name:	Combustible liquids, n.o.s., (ethyl 2-cyanoacrylate), 3, NA1993, PGIII
Identification Number:	NA1993
Marine Pollutant:	N/A
Special Provisions:	
Emergency Response Guidebook (ERG) #:	
IATA (DGR):	Not controlled
Proper Shipping Name:	
Class or Division:	
UN or ID Number:	
Packaging Instructions:	
Emergency Response Guidance (ICAO)#:	
IMO (IMDG):	Not controlled
Proper Shipping Name:	
Class or Division:	



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UN or ID Number:	
Special Provisions & Stowage/Segregation:	
Emergency Schedule (EmS)#:	
Other Information:	

SECTION XV: REGULATORY INFORMATION

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP's) as defined by the U. S. Clean Air Act: <ul style="list-style-type: none"> NONE This product does not contain any Class1 or Class 2 ODS.
Clean Water Act:	This product contains the following Hazardous Substances as defined by the CWA: <ul style="list-style-type: none"> NONE This product does not contain any substances that are a Priority Pollutant or Toxic Pollutant under the CWA.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.
Occupational Safety and Health Act	<ul style="list-style-type: none"> Combustible liquid
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261): <ul style="list-style-type: none"> None
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ. <ul style="list-style-type: none"> Hydroquinone, CAS# 123-31-9, TPQ (Lbs): 500/10,000
SARA Title III: Section 302 (RQ)	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): <ul style="list-style-type: none"> Hydroquinone, CAS# 123-31-9, RQ (Lbs): 100
SARA Title III: Section 311-312:	<ul style="list-style-type: none"> Combustible Reactive hazard
SARA Title III: Section 313:	This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: <ul style="list-style-type: none"> Hydroquinone, CAS# 123-31-9, 1.0%
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.


State Regulations

CA Right-to-Know Law:	NONE
California No Significant Risk Rule:	NONE
MA Right-to-Know Law:	Hydroquinone, CAS# 123-31-9
NJ Right-to-Know Law:	Hydroquinone, CAS# 123-31-9
PA Right-to-Know Law:	Hydroquinone, CAS# 123-31-9
FL Right-to-Know Law:	NONE
MN Right-to-Know Law:	Hydroquinone, CAS# 123-31-9



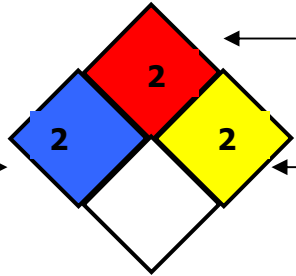
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International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Ethyl 2-cyanoacrylate, CAS# 7085-85-0, DSL regulatory status: Included, WHMIS: n/da Hydroquinone, CAS# 123-31-9, DSL regulatory status: Included, WHMIS: n/da
EINECS: European Inventory: 	Fuse Nail Adhesive: <ul style="list-style-type: none"> HAZARD SYMBOLS: Xi, Xn: Irritant, harmful RISK PHRASES: R22: Harmful if swallowed, R36/37/38: Irritating to eyes, respiratory system and skin R40: Limited evidence of carcinogenic effect, R4: Risk of serious damage to eyes, R43: May cause sensitization by skin contact, R50: Very toxic to aquatic organisms, R68: Possible risk of adverse effects.. SAFETY PHRASES: S2: Keep out of reach of children, S23: Do not breathe fumes/vapour/spray, S16: keep away from sources of ignition- no smoking, S24/25: Avoid contact with skin and eyes, S26: in case of contact with eyes rinse immediately with plenty of water and seek medical advice ,S36/37/39: Wear suitable protective clothing, glove and eye/face protection, S61: Avoid release to the environment.

SECTION XVI: OTHER INFORMATION

Hazard Rating System (Pictograms)

NFPA: Health →		HMIS: Flammability 2 Reactivity 2 Health Flammability Reactivity
KEEP AWAY FROM MOISTURE		

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