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## NG39

### HQ Free Nail Glue

7<sup>th</sup> February 2012: Issue 2

Material Listing (GB)	Range	Cas No
ETHYL CYANOACRYLATE	50-100	7085-85-0
POLYMETHYL METHACRYLATE	1-5	9011-14-7
BHA	0.1-1.0	25013-16-5

CAUTION: CONTAINS CYANOACRYLATE. IRRITANT.  
AVOID CONTACT WITH EYES AND SKIN. BONDS IN SECONDS.

Warning: Keep away from fabrics. Contact with clothes will cause damage and generate sufficient heat to burn underlying skin.

Use in well ventilated area.

*The*  
**EDGE**  
**NAILS**

## **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

PRODUCT NAME: Unl. Nail Glue, 40 cps, 1oz. (PL00113)

COMPANY NAME:

The Edge Nail & Beauty

PRODUCT TYPE: cyanoacrylate adhesive

EMERGENCY

CONTACT: Alistair Wood

PRODUCT USE: fingernail adhesive

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## **SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT**

CHEMICAL NAME	CAS #	INDEX #	CONTENTS
<u>HEALTH CLASS</u>	<u>RISK (R #)</u>		
Ethyl-2-Cyanoacrylate	7085-85-0	607-236-00-9	60-100
Xi	36/37/38		
Poly (Methyl Methacrylate)	9011-14-7		10-30
Xi	36/37/38		

## **SECTION 3: HAZARDS IDENTIFICATION**

Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of reach of children. May cause sensitization with skin contact. Irritating to eyes, respiratory system and skin.

## **SECTION 4: FIRST AID MEASURES**

EYES: Flush areas of contact with plenty of running water ensuring, were possible, that the eyelids are kept open. Adhesive will disassociate from eye/eyelids over time, usually within several hours. Temporary weeping of eyes/double vision may be experienced until clearance is achieved.

SKIN: Immerse bonded areas in warm, soapy water. Peel or roll skin apart. Remove cured adhesive with several applications of warm, soapy water. Prolonged or repeated contact at elevated levels may cause dermatitis in sensitive individuals.

INHALATION: Remove to fresh air. Prolonged or repeated exposure at elevated levels may produce allergic reactions with asthma-like symptoms in sensitive individuals.

INGESTION: Lips may become stuck together: apply copious amounts of warm water & encourage wetting/pressure from saliva inside mouth. Peel or roll (do not pull) lips apart. It is almost impossible to swallow cyanoacrylate as adhesive solidifies upon contact with saliva & may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days, avoid swallowing adhesive after detachment.

## **SECTION 5: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA: Flush with large amounts of water or dry chemical extinguisher. With water contact, material reacts to hardened mass. During fire fighting, fumes may be irritating if not burning and require air supply with goggles. Combustion will produce carbon dioxide, carbon dioxide, oxides of nitrogen and probably hydrogen cyanide.

Product polymerized by water, alcohol, amines, alkaline materials and direct UV.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

SPILL CLEAN-UP METHODS: Polymerize with water. Solid material may be scraped from surface.

## **SECTION 7: HANDLING & STORAGE**

PRECAUTIONS - HANDLING: Use with adequate ventilation. Avoid breathing vapor and avoid contact with eyes/skin. Handle and open container with care. Point container away from face and body when opening. Avoid contact with clothing as can cause heat.

PRECAUTIONS - STORAGE: Avoid moisture, direct UV-sunlight and do not store above 25 C

(77 F). Keep containers closed tightly when not in use. Ideal storage: 5-10 C (41-50 F).

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

INGREDIENT	CAS	#		
STD				
Ethyl-2-Cyanoacrylate 1.5 mg/m <sup>3</sup> (15 min)	7085-85-0	OES (EH40UK/2002)		
Poly (Methyl Methacrylate) established)	9011-14-7	NE		(Not
Hydroquinone Peak I: 2 MAK (5 min)	123-31-9	MAK	2mg/m3	

PRODUCT: Unl. Nail Glue, 40 cps, 1oz. (PL00113)

PERSONAL PROTECTION: Polyethylene or polypropylene gloves for prolonged or repeated contact.

VENTILATION: Use with adequate ventilation.

## **SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

Appearance: Liquid NE (not established)	Melting Point (C):
Color/Odor: Water-white/stimulative odor 185	Boiling Point (C):
Solubility in water: Polymerizes to hard mass Nominal 40	Viscosity (cps):
Specific Gravity (Water=1): 1.06 NE	pH Value:
Evaporation Rate (BuAc=1): NE 1mm	Vapor Pressure @ 23C (mm Hg):
Flash Point (C)/method: 85/TCC NE	Vapor Density (Air=1):
Flammability Limit: Lower: NE % Upper: NE %	

## **SECTION 10: STABILITY & REACTIVITY**

STABILITY: Stable up to 50 C (122 F). Ideal storage: 5-10 C (41-50 F). Avoid excessive heat above 80 C (176 F). Polymerized by water, alcohol, amines, alkaline materials and direct UV.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion will produce carbon dioxide, carbon dioxide, oxides of nitrogen and probably hydrogen cyanide.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

Acute exposure with prolonged or repeated contact with eyes/skin at elevated levels may produce allergic reactions (asthma-like symptoms), dermatitis or sensitization in sensitive individuals. No known residual effects of acute properties. Fumes irritate eyes and mucous membranes.

## **SECTION 12: ECOLOGICAL INFORMATION**

No known ecological effects of polymerized product.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

Waste Disposal Methods: Polymerize product with water. Solid material may be scraped from surface. Incinerate solid combustible waste or dump as chemical waste according to Local Authority requirements via a licensed waste contractor.

## **SECTION 14: TRANSPORT INFORMATION**

Proper shipping name: not regulated  
UN/Air/Sea/Rail: unrestricted

**SECTION 15: REGULATORY INFORMATION**  
**(irritant)**

**LABEL FOR SUPPLY: X**

RISK PHRASES: R-36/37/38 Irritating to eyes, respiratory system and skin.

SAFETY PHRASES: S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water & seek medical advice.

S51 Use only in well ventilated area.

SPECIAL LABELLING PHRASE: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the

Reach of children.

REGULATORY REFERENCES: Classification, packaging and labeling regulations 1984, Sax's Dangerous Properties of Industrial Materials 1992, NIOSH Guide to Occupational Exposure Values 1994. Substances and Preparations Directives, CHIP 3.

GUIDANCE NOTES: INFORMATION CONTAINED HEREIN DOES NOT CONSTITUTE THE USER'S OWN ASSESSMENT OF WORKPLACE RISK AS MAY BE REQUIRED BY OTHER HEALTH AND SAFETY LEGISLATION.

**SECTION 16: OTHER INFORMATION**

Revision #4 encompasses changes per EU Directives and CHIP 3 for Section 2, Section 5, Section 8, Section 10, Section 11, Section 14, Section 15 and Section 16.

R-phrases used in document:

R-36/37/38 Irritating to eyes, respiratory system and skin.

R-22 Harmful if swallowed.

R-40 Limited evidence of a carcinogenic effect.

R-41 Risk of serious damage to eyes.

R-43 May cause skin sensitization by skin contact.

R-50 Very toxic to aquatic organisms.

R-68 Possible risk of irreversible effects.