

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

PRODUCT NAME: Star Nail-Instant Nail Glue- All Sizes      COMPANY NAME: Star Nail International, Inc.  
 PRODUCT TYPE: cyanoacrylate adhesive      29120 Avenue Paine  
 PRODUCT USE: fingernail adhesive      Valencia, CA 91355  
 Emergency Contact: Chemtel (813) 248-0573 or  
 (800) 255-3924

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

CHEMICAL NAME	CAS #	INDEX #	CONTENTS	HEALTH CLASS	RISK (R #)
Ethyl-2-Cyanoacrylate	7085-85-0	607-236-00-9	100%	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 burn.

**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	7085-85-0	OES (EH40UK/2002)	1.5 mg/m <sup>3</sup> (15 min)

PERSONAL PROTECTION: Polyethylene or polypropylene gloves for prolonged or repeated contact.  
VENTILATION: Use with adequate ventilation.

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

Appearance: Liquid	Melting Point (C):	NE (not established)
Color/Odor: Clear/stimulative odor	Boiling Point (C):	185
Solubility in water: Polymerizes to hard mass	Viscosity (cps):	Nominal 40
Specific Gravity (Water=1): 1.06	pH Value:	NE
Evaporation Rate (BuAc=1): NE	Vapor Pressure @ 23C (mm Hg):	1mm
Flash Point (C)/method: 85/TCC	Vapor Density (Air=1):	NE
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****LABEL FOR SUPPLY: X (irritant)**

**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.

S46\* If swallowed seek medical advice immediately and show this container label.

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.**

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\* Obligatory Safety Phrases for labeling.

**MATERIAL SAFETY DATA SHEET**

Preparation Date: 01/02/2014

PRODUCT: Star Nail-Instant Nail Glue- All Sizes

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**

Current Version indicates a change to Section #15 – Obligatory Safety Phrases for labeling, per CHIP 3.

R-phrases used in document:

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



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