

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME: Instant Nail Glue

COMPANY NAME: Star Nail International

PRODUCT TYPE: cyanoacrylate adhesive

29120 Avenue Paine

PRODUCT USE: fingernail adhesive

Valencia, CA 91355

Emergency Contact: Chemtel 813-248-0573 or 800-255-3924

661-257-7827

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	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, where 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 monoxide, 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 ³ (15 min)
Poly (Methyl Methacrylate)	9011-14-7	NE (Not established)	

PRODUCT: Instant Nail Glue

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.**

PRODUCT: Instant Nail Glue

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: 12/03/07 (dd/mm/yy)

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.

MATERIAL SAFETY DATA SHEET

DATE: 05/26/05

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Section 1
Star Nail International
29120 Avenue Paine
Valencia, CA 91355
(661) 257-7827

HAZARD RATING For Chemical Emergency Only:
In the US & Canada (800) 255-3924
or (813) 248-0573

PRODUCT IDENTIFICATION: STAR NAIL – TIP BOND GEL GLUE

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Ethyl-2-Cyanoacrylate (7085-85-0)	NE	NE	2ppm TWA	60-100
Poly (Methyl Methacrylate) (9011-14-7)	NE	NE		10-30
Hydroquinone* (123-31-9)	2mg/m3	2mg/m3		0-1

*This ingredient is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments & Reauthorization Act of 1986 (SARA) and 40 CFR 372.

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point: 149 F Specific Gravity (H2O=1): 1.10
Vapor Density (Air=1): nil-NE Melting Point: NE
Vapor Pressure (mm Hg): 1 @ 20 C Evaporation Rate (Butyl acetate=1): nil-NE
Solubility in Water: Insoluble, material reacts to hardened mass for non-hazardous waste.
Appearance & Odor: Transparent water-white to straw colored liquid with stimulative odor.

Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method Used): 176 F (TCC) Flammable Limits: LEL: NE UEL: NE
Extinguishing Media: Flush with large amounts of water or dry chemical extinguisher.
Special Fire Fighting Procedures: Fumes may be irritating if not burning and require air supply with goggles while applying large amounts of water or dry chemical extinguisher.
Unusual Fire and Explosion Hazards: None. Combustible requiring the above procedures.

Section 5 - REACTIVITY DATA:

Stability: Stable XX Conditions to Avoid: Excessive heat above 176 F, moisture and alkalines. Stable up to 122 F. Store in a cool dry place.
Incompatibility (Materials to Avoid): Polymerized by water, alcohol, amines, alkaline materials and direct UV.
Hazardous Decomposition Products: Combustible by-products of carbon monoxide/dioxide.
Hazardous Polymerization: May Not Occur XX

Section 6 - HEALTH HAZARD DATA:

Route(s) of Entry: Inhalation: Yes Skin: NO Ingestion: LD50 = 12.2cc/kg
Health Hazards (Acute and Chronic): (mice)

Acute - Irritates eyes, mucous membranes.

Chronic - No residual effects of acute properties.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

Signs and Symptoms of Exposure & First Aid Procedures:

Eye contact - Tearing from eye irritation. Remove to fresh air. Flush areas of contact with water. 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 contact - 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 - Irritation of mucous membranes/coughing. 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.

Medical Conditions Generally Aggravated by Exposure: Pre-existing skin, eye and respiratory disorders may be aggravated by exposure.

Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to Be Taken in Case Material is Released or Spilled: Polymerize with water. Solid material may be scraped from surface.

Waste Disposal Method: Incinerate solid combustible waste or dump as chemical waste according to local, state and federal regulations.

Precautions to Be Taken in Handling and Storing: Avoid moisture, direct UV-sunlight and do not store above 25 C. Keep containers closed tightly when not in use. Ideal storage: 5-10 C.

Other Precautions: Avoid breathing vapor, contact with eyes/skin. Allow product to reach room temperature before use.

Section 8 - CONTROL MEASURES:

Respiratory Protection (Specify Type): A NIOSH-approved organic vapor canister may be used to maintain vapor concentration below TLV.

Ventilation: Local Exhaust: To maintain vapor concentration below TLV.

Mechanical (General): Large amounts used to 2ppm.

Protective Clothing or Equipment: Safety glasses with side shield, Vinyl (polyethylene) non-sticking gloves, rubber apron to protect clothing.

Work/Hygienic Practices: Soap and water helps remove adhesive from skin.

NE = Not established

The data contained herein is based upon information that Star Nail International believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.