



# Material Safety Data Sheet

## PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** THIN RESIN  
**Manufacture:** Tres Chic Nails  
P.O. Box 24500  
Rochester, NY 14624

**Version Number:** 01  
**MSDS / Product Code:** 04101  
**Issued Date:** 01-01-08

**Telephone Number:** 585-247-6060

**Fax Number:** 585-429-9897

## TELEPHONE NUMBERS – 24 HOUR EMERGENCY ASSISTANCE:

**Infotrac Domestic - 800-535-5053**

**Infotrac International - 352-323-3500**

## 1. COMPOSITIONAL INFORMATION

Chemical Identity	CAS Numbers	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

## 2. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Odor & Odor Threshold	Specific Gravity	Boiling Point/Freezing Point	Melting Point	Vapor Pressure @ 23C (mm Hg):	Vapor Density	Evaporation Rate (Butyl acetate = 1)	Solubility In Water	Viscosity (CPS)	PH Value
Clear liquid	Stimulative odor	(H2O=1): 1.06	185°C	NE	1 mm	NE	NE	Polymerizes to hard mass	Nominal 40	NE

## 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.

## 4. FIRST AID PROCEDURES

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



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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.

## 5. REACTIVITY DATA

**Stability:**

Stable up to 50°C (122°F)

**Hazardous Decomposition Products:**

Combustion will produce carbon dioxide, carbon monoxide, oxides of nitrogen and probably hydrogen cyanide.

**Conditions to Avoid:**

Avoid excessive heat above 80°C (176°F).

**Incompatibility (Materials to Avoid):**

Oxidizers, strong acids, caustics and halogens.

**Hazardous Polymerization:**

Polymerized by water, alcohol, amines, alkaline materials and direct UV.

**Ideal Storage:**

5-10°C (41-50°F)

## 6. FIREFIGHTING PROCEDURES

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.

## 7. ACCIDENTAL RELEASE MEASURES

Spill Clean-up Methods Polymerize with water. Solid material may be scraped from surface.

## 8. HANDLING AND STORAGE

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.

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).

## 9. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>INGREDIENT</u>	<u>CAS #</u>	<u>STD</u>	
Ethyl-2-Cyanoacrylate	7085-85-0	OES (EH40UK/2002)	1.5 mg/m <sup>3</sup> (15 min)
Poly (Methyl Methacrylate)	9011-14-7	NE (Not established)	

Personal Protection Polyethylene or polypropylene gloves for prolonged or repeated contact.

Ventilation Use with adequate ventilation



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## 10. 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.

## 11. ECOLOGICAL INFORMATION

No known ecological effects of polymerized product.

## 12. 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.

## 13. TRANSPORT INFORMATION

Proper shipping name                      not regulated

UN/Air/Sea/Rail                              unrestricted

## 14. REGULATORY INFORMATION

Label for Supply                              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.

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.

## 15. OTHER INFORMATION

### Disclaimer:

The data contained herein is based upon information that Très Chic Nails 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.