

Date: November 30, 2009

Former date: New

1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER, IMPORTER OR OTHER UNDERTAKING

1.1 Identification of the substance or preparation

Trade name: NAIL LIQUID
Code of the preparation: 112509

Use of the chemical

- 1.1.1 The intended uses of the chemical: This product is one part of materials to prepare artificial nails.
- 1.1.2 Standard industrial classification (SIC): 2821`
- 1.1.3 Use categories: Artificial nail work
- 1.1.4 The chemical cannot be used by the general public
- 1.1.5 The chemical is used by the professionals only.

1.2 Identification of the manufacture, importer or other undertaking

Young Nails, Inc.
1149 N. Patt Street
Anaheim, CA 92801
1-800-777-9170
www.youngnails.com

1.4 Emergency telephone

**FOR CHEMICAL EMERGENCY OR INGESTION 24/7
CALL INFOTRAC (USA) 1-800-535-5053 OR
INTERNATIONAL CALL COLLECT 1-352-323-3500**

2. COMPOSITION AND INFORMATION ON INGREDIENTS

2.1 Hazardous Ingredients

2.1.1	2.1.2	2.1.3	
Name	CAS #	EINECS #	%
Ethyl methacrylate	97-63-2	202-597-5	75-80
Hydroxy propyl methacrylate	27813-02-1	248-666-1	10-15
Tetraethylene glycol dimethacrylate	109-17-1	203-653-1	5-10
N,N-dimethyl-p-toluidine	99-97-8	202-805-4	<1

- 2.1.5 Confidential ingredients: None
- 2.1.6 A substance not dangerous listed as confidential: D&C Violet #2 & FD&C Blue #1 both less than 1 percent
- 2.1.7 Other information: None

3 HAZARDOUS IDENTIFICATION



Flammable



Irritant

Human



FLAMMABLE LIQUID & VAPOUR! WHMIS label
This product may cause eye and skin irritation.
Avoid prolonged or repeated breathing of the vapours.

Safety

It may be an irritant to persons with a pre-existing skin conditions and cause aggravation with prolonged exposure. Keep out of eyes. Do not swallow.

Ecological

This product is likely to under go long term degradation.

4. FIRST AID MEASURES

- 4.1 Special instructions: May cause eye irritation, flush with water for at least 15 minutes. Seek medical attention if person is experiencing any irritation.
 - 4.2 Inhalation: Maybe a mild irritant to respiratory tract.
 - 4.3 Ingestion: May cause irritation, do not induce vomiting, and seek medical attention.
 - 4.4 Skin contact: May irritate skin of person with a previous dermatitis problem.
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5. FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media: Use appropriate method for surrounding fire (dry chemical, and carbon dioxide).
 - 5.2 Extinguishing media must not be used for safety reasons: None known.
 - 5.3 Special exposure hazards in fire: Oxides of carbon.
 - 5.4 Special protective equipment for fire-fighters: Wear full bunker gear with SCBA:
 - 5.5 Other instructions: Allow to burn with black smoke.
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6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions: Wash hands thoroughly after contact.
 - 6.2 Environmental precautions: Check with federal, territorial, state and local agencies.
 - 6.3 Methods for cleaning up: Absorb liquid with an inert material, pick up using non-sparking dust-pan and dispose in proper container.
 - 6.4 Other instructions: Material is a liquid.
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7. HANDLING AND STORAGE

- 7.1 Handling: Store in original container with cap tightened when not in use.
 - 7.2 Storage: Keep in cool dry area. Keep away from children.
 - 7.3 Specific use(s): Artificial nail preparations.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Exposure limit values
 - 8.1.1 Other limit values: OSHA TWA (USA) Ethyl methacrylate 100 ppm
 - 8.1.2 Limit values in other countries: Ethyl methacrylate 100 ppm
 - 8.2 Exposure controls
 - 8.2.1 Occupational exposure controls: Work in well-ventilated area.
 - 8.2.2 Respiratory protection: Work in well-ventilated area
 - 8.2.3 Hand protection: Protective gloves recommended with extended use.
 - 8.2.4 Eye protection: Splash proof goggles of safety glasses. If used in production facility have eye wash and shower station.
 - 8.2.5 Skin protection: Always protect your skin when working with chemicals.
 - 8.2.6 Environmental exposure controls: None
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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information (physical state, colour and odour). The product is has a violet-blue colour and an odour of esters.

9.2 Important health, safety and environmental information

9.2.1	pH:	NA
9.2.2	Boiling point/boiling range:	117 °C (242.6 °F)
9.2.3	Flash point:	21.5 °C (70.7 °F)
9.2.4	Auto-ignition temperature	392.8 °C (739 °F)
9.2.5	Flammability :	Liquid with low flash point.
9.2.5.1	Lower explosive limit:	2.0 %
9.2.5.2	Upper exposure limit:	2.5 %.
9.2.6	Oxidising properties:	Not an oxidiser.

(MATERIAL) SAFETY DATA SHEET

NAIL LIQUID

9.2.7	Vapour pressure:	0.69 torr @ 38 °C (100.4 °F)
9.2.8	Specific gravity:	0.918
9.2.9	Solubility (water):	Not to soluble (< 0.5 %).
9.2.9.1	Evaporation rate (butyl acetate=1):	1.5
9.2.10	Partion coefficient: n-octanol/water:	1.25
9.2.11	Viscosity:	492 SUS @ 100°F (94.4 °C)
cST @		40 °C)
9.2.12	Vapour density (air=1):	3.9

9.3 Other information

10. STABILITY AND REACTIVITY

10.1	Conditions to avoid:	Do not store above 70 °F or 21.1 °C. Avoid the use of UV light.
10.2	Materials to avoid:	Strong oxidising or reducing agents, and peroxides.
10.3	Hazardous decomposition products:	Oxides of carbon.
10.4	Hazardous polymerization:	May occur.
10.5	Other:	Avoid temperatures above 21.1 °C or 70 °F.

11. TOXICOLOGICAL INFORMATION

11.1	Acute toxicity:	None expected.
11.2	Irritation and corrosiveness:	Not corrosive, a mild-irritant to eyes.
11.3	Sentisation:	May be sensitive with pre-existing dermatitis.
11.4	Sub-acute, sub-chronic and prolonged toxicity:	None known
11.5	Other information on health effects:	Ingestion of liquid or inhalation of vapour may affect respiratory tract.

12. ECOLOGICAL INFORMATION

12.1	Ecotoxicity: Not available
12.1.1	Aquatic toxicity: Bio-degradable long term.
12.1.2	Toxic to other organisms: None known.
12.2	Mobility: Not very mobile in water phase
12.3	Persistence and degradability:
12.3.1	Biodegradation: Yes, long term
12.3.2	Chemical degradation: Yes
12.4	Bioaccumulation potential: Low to medium

13. DISPOSAL CONSIDERATIONS

Dispose in accord with National regulations.

14. TRANSPORTATION INFORMATION

14.1	UN number:	1993
14.2	Packing group:	III
14.3	Land transport	
14.3.1	Transport class:	3
14.3.2	Risk code:	Flammable
14.3.3	Name according to bill of freight:	Nail Liquid
14.3.4	Shipping description:	Flammable liquids, N.O.S.
	(Ethyl methacrylate), 3, UN1993, II	
14.3.5	Exception to shipping description:	Limited Quantity
14.3.6	Limited quantity shipping description:	Flammable liquids, N.O.S.
	(Ethyl methacrylate), 3, UN1993, II, LTD QTY	

(MATERIAL) SAFETY DATA SHEET

NAIL LIQUID

14.3.7 Other information: Inner packaging does not exceed 5.0 liters or 1.3 gallons.

14.4 Sea transport

14.4.1 IMDG class: 3
 14.4.2 Correct technical name: Ethyl methacrylate
 14.4.3 Shipping description: UN1993, Flammable liquids, N.O.S. (Ethyl methacrylate), 3, III
 14.4.4 Packing instructions: Use P001 with a limit of 1 liter or 0.3 gallon for limited quantity exception.

14.5 Air transport

14.5.1 ICAO/IATA class: 3
 14.5.2 Correct technical name: Ethyl methacrylate
 14.5.3 Shipping description: UN1993, Flammable liquids, N.O.S. (Ethyl methacrylate), 3, III
 14.5.4 Packing instruction: Use 305, maximum capacity 5liter or 1.32 gallons
 14.5.5 Other information: LTD QTY exception available using packing instruction Y305 with maximum capacity 1 liter or 0.3 gallon.

15. REGULATORY INFORMATION

15.1 Information on the warning label: FLAMMABLE

15.1.1 Letter code on warning symbol and indications of danger for the preparation: Flammable F
 15.1.2 Names of the ingredients given on the label: Ethyl methacrylate
 15.1.3 WHMIS: Flammable, F and Irritant In
 15.1.4 R phrases: R11, highly flammable; R36, irritating to eyes; R37, irritating to respiratory system; R38, irritating to skin and R43, may cause sensitization by skin contact.
 15.1.5 S phrases: S9, keep container in a well-ventilated place; S16, Keep away from sources of ignition; S29, do not empty into drains; S33, take precautionary measures against static charges; S36, wear suitable protective clothing; S37, wear suitable gloves; S39, wear eye/face protection; and S45, In case of accident or if you feel unwell, seek medical advice immediately.

16. REGULATORY INFORMATION

16.1.1 National Fire Protection Association (NFPA)
 Hazardous Materials Identification System (HMIS)

NFPA	HMIS	
	0 Least	
1 Health	1 Slight	1 Health
3 Fire	2 Moderate	3 Fire
1 Instability	3 High	1 Reactivity
	4 Severe	E PPE

16.1.2 List of relevant R phrases: R11, R36/37/38, and R43
 16.1.3 Training advice S phrases: S9, S16, S29, S36/37/39 and S45
 16.1.4 Restrictions on use: Professional use only.
 16.1.5 Sources of key data used: EU, EEC Directives on the Control of Dangerous Substances and Preparations (67/548/EEC), Council Directive 88/379/EEC, WHMIS, NIOSH and OSHA 29 CFR Part 1910.1200.
 16.1.6 This product contains no Prop 65 materials.
 16.1.7 This is a new Safety Data Sheet to meet new format.

(MATERIAL) SAFETY DATA SHEET

NAIL LIQUID

- 16.1.8 Ethyl methacrylate is an ingredient listed in the following inventories:
USA (TSCA); China (CI); Korea (ECL); Canada (DSL); Philippines (PICCS); Europe (EINECS); Japan (MITI) and Australia (AICS).
- 16.1.9 Ethyl methacrylate listed for right to know in FL, MA, MN, NJ & PA.
- 16.1.10 Abbreviations:

AICS	Australian Inventory of Chemical Substances
CAS #	Chemical Abstract Service Number
cST	centistokes
°C	Celsius temperature scale
CI	China
DSL	Canada
ECL	Korean Existing Chemicals List
EEC	European Economic Commission
ENCS	Japanese Existing and New Chemical List
EINECS #	European Inventory of Existing Chemical Substances Number
EU	European Union
°F	Fahrenheit
Israel	2001 proposed list of chemical substances to be regulated under Israel Hazardous Substances Law and Regulations List
MAC	Netherlands
MAK	Germany
MITI	Ministry of International trade and Industry
NA	Not applicable
MITI	Japan
ND	Not determined
NE	None established
PICCS	Philippines
PPE	Personal Protective Equipment
Prop.	Proprietary
SUS	Saybolt Universal Viscosity
SWISS	Giftliste 1
SWISS	Inventory of Notified New Substances
TSCA	Toxic Substance Control Act
(Taiwan)	List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086
UK	United Kingdom
USA	United States

16.2 Information which has been added, deleted or revised: New SDS

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Reviewed by Young Nails, Inc.
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