

SAFETY DATA SHEET

Product Name **PRIMER (YOUNG NAILS)**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier name YOUNG NAILS AUSTRALIA
Address Unit 6, 6-8 Enterprise Street, Molendinar, QLD, 4214, AUSTRALIA
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Web site <http://www.youngnails.com.au>
Synonym(s) YOUNG NAILS PRIMER
Use(s) ACRYLIC NAIL PRODUCT
SDS date 16 January 2013

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

RISK PHRASES

R21/22 Harmful in contact with skin and if swallowed.
R35 Causes severe burns.

SAFETY PHRASES

S1/2 Keep locked up and out of reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN number 2531 **DG class** 8
Packing group II **Subsidiary risk(s)** None Allocated
Hazchem code 3X

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Identification	Classification	Content
METHACRYLIC ACID	CAS: 79-41-4 EC: 201-204-4	Xn;R21/22 C;R35	100%

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

Inhalation If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Air-line respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

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PPE

Eye / Face	Wear a faceshield and splash-proof goggles.
Hands	Wear rubber or nitrile gloves.
Body	Wear coveralls and rubber boots. When using large quantities or where heavy contamination is likely, wear a PVC apron.
Respiratory	Where an inhalation risk exists, wear a Type A (Organic vapour) respirator.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	CLEAR LIQUID
Odour	ACRYLIC ODOUR
Flammability	CLASS C1 COMBUSTIBLE
Flash point	65°C
Boiling point	NOT AVAILABLE
Melting point	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE
pH	2 to 2.2
Vapour density	NOT AVAILABLE
Specific gravity	1.015
Solubility (water)	INSOLUBLE
Vapour pressure	NOT AVAILABLE
Upper explosion limit	8.7 %
Lower explosion limit	1.6 %
% Volatiles	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended conditions of storage.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources.
Material to avoid	Incompatible with oxidising agents (eg. hypochlorites), acids (eg. nitric acid), alkalis (eg. hydroxides), amines, heat and ignition sources.
Hazardous Decomposition Products	May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.
Hazardous Reactions	May polymerise if exposed to alkalis, acids, alcohols and peroxides.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Highly corrosive. This product has the potential to cause serious adverse health effects. Use safe work practices to avoid eye or skin contact and inhalation. Over exposure may result in severe burns with corrosive tissue damage. May cause sensitisation by skin contact. Due to the small product size, the potential for adverse health effects may be reduced.
Eye	Highly corrosive. Contact may result in irritation, lacrimation, pain, redness and corneal burns with possible permanent damage.
Inhalation	Corrosive. Over exposure may result in irritation of the nose and throat, coughing and bronchitis. High level exposure may result in ulceration of the respiratory tract, lung tissue damage, chemical pneumonitis and pulmonary oedema.
Skin	Corrosive. Contact may result in drying and defatting of the skin, rash, dermatitis and possible burns. May be absorbed through skin with harmful effects. May cause sensitisation by skin contact.
Ingestion	Corrosive - toxic. Ingestion may result in burns to the mouth and throat, nausea, vomiting, intense thirst, abdominal pain and diarrhoea. Ingestion of large quantities may result in ulceration, circulatory collapse, shock, unconsciousness and damage to the liver, kidney and heart.
Toxicity data	METHACRYLIC ACID (79-41-4) LD50 (ingestion) 1060 mg/kg (rat) LD50 (intraperitoneal) 48 mg/kg (mouse)

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METHACRYLIC ACID (79-41-4)	
LD50 (skin)	1 g/kg (Guinea pig)
TCLo (inhalation)	221 mg/m ³ /24 hour/17 weeks-continuous (rat)
TDL0 (ingestion)	910 mg/kg/26 weeks-intermittent (rat)

12. ECOLOGICAL INFORMATION

Toxicity	No information provided.
Persistence and degradability	No information provided.
Bioaccumulative potential	No information provided.
Mobility in soil	No information provided.
Other adverse effects	No information provided.

13. DISPOSAL CONSIDERATIONS

Waste disposal	Wearing the protective equipment detailed above, neutralise with sodium bicarbonate, absorb with sand and dispose of to an approved landfill site or oxidise with 100-500 ppm potassium permanganate and route to a sewerage plant. Alternatively, mix with a flammable solvent and inject at the base of an incinerator with an afterburner. If solid pack in paper and incinerate. Ventilate and clear area of all unprotected persons. Contact A.H. for more information.
Legislation	Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
UN number	2531	-	-
Proper shipping name	METHACRYLIC ACID, INHIBITED	-	-
DG class/ Division	8	-	-
Subsidiary risk(s)	None Allocated	-	-
Packing group	II	-	-
GTEPG	8C6		
Hazchem code	3X		

15. REGULATORY INFORMATION

Poison schedule	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
Inventory Listing(s)	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt.

16. OTHER INFORMATION

Additional information	ACIDS: When mixing acids with water (diluting), caution must be taken as heat will be generated which causes violent spattering. Always add a small volume of acid to a large volume of water, NEVER the reverse.
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RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds
CNS	Central Nervous System
EC No.	EC No - European Community Number
GHS	Globally Harmonized System
IARC	International Agency for Research on Cancer
LD50	Lethal Dose, 50% / Median Lethal Dose
mg/m ³	Milligrams per Cubic Metre
PEL	Permissible Exposure Limit
pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm	Parts Per Million
REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TLV	Threshold Limit Value
TWA/OEL	Time Weighted Average or Occupational Exposure Limit

Revision history

Revision	Description
2.0	Standard SDS Review.
1.0	Initial SDS creation

Report status

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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Revision: 2
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End of SDS