

**SAFETY DATA SHEET**

**Product Name**      **MANI Q**

**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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**Emergency**                            (07) 5597 5466  
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**Web site**                                <http://www.youngnails.com.au>  
**Synonym(s)**                            MANI-Q • YOUNG NAILS MANI-Q  
**Use(s)**                                    NAIL ENHANCEMENT • NAIL TREATMENT  
**SDS date**                                18 September 2013

**2. HAZARDS IDENTIFICATION**

**CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA**

**RISK PHRASES**

R43                                        May cause sensitisation by skin contact.

**SAFETY PHRASES**

S2    Keep out of reach of children.  
S26    In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S28    After contact with skin, wash immediately with plenty of water.

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

<b>UN number</b>	None Allocated	<b>DG class</b>	None Allocated
<b>Packing group</b>	None Allocated	<b>Subsidiary risk(s)</b>	None Allocated
<b>Hazchem code</b>	None Allocated		

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

Ingredient	Identification	Classification	Content
2-HYDROXYETHYL METHACRYLATE	CAS: 868-77-9 EC: 212-782-2	Xi;R36/38 Xn;R43	5 to 10%
POLYURETHANE ACRYLATE OLIGOMER	Not Available	Not Available	60 to 70%
HYDROXYPROPYL METHACRYLATE	CAS: 27813-02-1 EC: 248-666-3	Not Available	5 to 10%
ISOBORNYL METHACRYLATE	CAS: 7534-94-3 EC: 231-403-1	Not Available	5 to 10%
HYDROXYCYCLOHEXYL PHENYL KETONE	CAS: 947-19-3 EC: 213-426-9	Not Available	<1%

**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.

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**Inhalation**                      If inhaled, remove from contaminated area. 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.

**Ingestion**                        For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

**Advice to doctor**                Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

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**Flammability**                      Combustible. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

**Fire and explosion**              Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**Extinguishing**                      Dry agent, carbon dioxide, foam or water fog. Prevent contamination of drains or waterways.

**Hazchem code**                      None Allocated

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions**            Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS.

**Environmental precautions**      Prevent product from entering drains and waterways.

**Methods of cleaning up**            If spilt (small amounts), clean up using absorbent paper towels and clearly mark for disposal. If spilt (bulk), mop up area and wash residue down with water.

**References**                          See Sections 8 and 13 for exposure controls and disposal.

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## 7. STORAGE AND HANDLING

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**Storage**                              Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

**Handling**                              Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Exposure standards**                No exposure standard(s) allocated.

**Biological limits**                    No biological limit allocated.

**Engineering controls**                Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

### PPE

**Eye / Face**                              When using large quantities or where heavy contamination is likely, wear splash-proof goggles.

**Hands**                                      Wear latex gloves.

**Body**                                        When using large quantities or where heavy contamination is likely, wear a PVC apron.

**Respiratory**                              Not required under normal conditions of use.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance**                          VISCOUS CLEAR TO SLIGHTLY VIOLET COLOURED GEL

**Product Name**      **MANI Q**

<b>Odour</b>	ACRYLATE ODOUR
<b>Flammability</b>	CLASS C1 COMBUSTIBLE
<b>Flash point</b>	> 100°C
<b>Boiling point</b>	56.1°C to 116.1°C
<b>Melting point</b>	NOT AVAILABLE
<b>Evaporation rate</b>	NOT AVAILABLE
<b>pH</b>	NOT AVAILABLE
<b>Vapour density</b>	NOT AVAILABLE
<b>Specific gravity</b>	1.15
<b>Solubility (water)</b>	INSOLUBLE
<b>Vapour pressure</b>	> 0.001 torr @ 20°C
<b>Upper explosion limit</b>	NOT AVAILABLE
<b>Lower explosion limit</b>	NOT AVAILABLE
<b>Explosive properties</b>	NOT AVAILABLE
<b>Oxidising properties</b>	NOT AVAILABLE
<b>% Volatiles</b>	NOT AVAILABLE

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**10. STABILITY AND REACTIVITY**

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<b>Chemical stability</b>	Stable under recommended conditions of storage.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Material to avoid</b>	Incompatible with oxidising agents (eg. hypochlorites) and acids (eg. nitric acid).
<b>Hazardous Decomposition Products</b>	May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.
<b>Hazardous Reactions</b>	Polymerization is not expected to occur.

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**11. TOXICOLOGICAL INFORMATION**

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<b>Health Hazard Summary</b>	May be harmful - irritant. This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and inhalation.
<b>Eye</b>	Irritant. Contact may result in irritation, lacrimation, pain and redness.
<b>Inhalation</b>	Low to moderate irritant. Over exposure may result in irritation of the nose and throat, coughing, dizziness and headache.
<b>Skin</b>	Low irritant. Prolonged or repeated contact may result in mild irritation, rash and dermatitis. May cause sensitisation by skin contact.
<b>Ingestion</b>	May be harmful. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea.
<b>Toxicity data</b>	2-HYDROXYETHYL METHACRYLATE (868-77-9) LD50 (ingestion)                      3275 mg/kg (mouse) LD50 (intraperitoneal)              497 mg/kg (mouse) LDLo (ingestion)                      9.92 uL/kg (dog)

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**12. ECOLOGICAL INFORMATION**

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<b>Toxicity</b>	Not expected to be dangerous to the aquatic environment.
<b>Persistence and degradability</b>	Expected to be inherently biodegradable.
<b>Bioaccumulative potential</b>	No information provided.
<b>Mobility in soil</b>	Limited information was available at the time of this review.
<b>Other adverse effects</b>	Limited ecotoxicity data was available at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

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**13. DISPOSAL CONSIDERATIONS**

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<b>Waste disposal</b>	For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.
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Legislation Dispose of in accordance with relevant local legislation.

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**14. TRANSPORT INFORMATION**

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**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

	<b>LAND TRANSPORT (ADG)</b>	<b>SEA TRANSPORT (IMDG / IMO)</b>	<b>AIR TRANSPORT (IATA / ICAO)</b>
<b>UN number</b>	None Allocated	None Allocated	None Allocated
<b>Proper shipping name</b>	None Allocated	None Allocated	None Allocated
<b>DG class/ Division</b>	None Allocated	None Allocated	None Allocated
<b>Subsidiary risk(s)</b>	None Allocated	None Allocated	None Allocated
<b>Packing group</b>	None Allocated	None Allocated	None Allocated
<b>Hazchem code</b>	None Allocated		

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**15. REGULATORY INFORMATION**

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**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.

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**16. OTHER INFORMATION**

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**Additional information** EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES: Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

**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 <sup>3</sup>	Milligrams per Cubic Metre
OEL	Occupational Exposure Limit
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
STEL	Short-Term Exposure Limit
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
SWA	Safe Work Australia
TLV	Threshold Limit Value
TWA	Time Weighted Average

**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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**End of SDS**