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Material Safety Data Sheet

Product Name **BRUSH ON GLUE**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier name YOUNG NAILS AUSTRALIA
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Synonym(s) YOUNG NAILS BRUSH ON GLUE
Use(s) COSMETIC INDUSTRY • GLUE
SDS date 29 November 2012

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

RISK PHRASES

R36/37/38 Irritating to eyes, respiratory system and skin.

SAFETY PHRASES

S23 Do not breathe gas/fumes/vapour/spray (where applicable).
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

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

UN number	None Allocated	DG class	None Allocated
Packing group	None Allocated	Subsidiary risk(s)	None Allocated
Hazchem code	None Allocated		

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Identification	Classification	Content
ETHYL CYANOACRYLATE	CAS: 7085-85-0 EC: 230-391-5	Xi;R36/37/38	95 to 98%
POLYMETHYL METHACRYLATE	CAS: 9011-14-7 EC: 618-466-4	Not Available	2 to 5%

4. FIRST AID MEASURES

Eye Wash gently with water and/or a 1% sodium bicarbonate solution. Seek immediate medical attention.
Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
Skin Gently presoak skin in warm 1% sodium bicarbonate solution. Bonded skin should never be pulled directly apart. Peel or roll the surfaces apart with the aid of a blunt edge. Seek medical attention if irritation develops.
Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).
Advice to doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability	Combustible. May evolve toxic gases (carbon/ nitrogen oxides, cyanides, hydrocarbons) when heated to decomposition.
Fire and explosion	Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation.
Extinguishing	Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways.
Hazchem code	None Allocated

6. ACCIDENTAL RELEASE MEASURES

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	Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.
References	See Sections 8 and 13 for exposure controls and disposal.

7. STORAGE AND HANDLING

Storage	Store tightly sealed in a cool, dry, well ventilated area, removed from oxidising agents, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Store as a Class C1 Combustible Liquid (AS1940). Also store removed from strong reducing agents, amines, alcohol and alkali metals.
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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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	Wear splash-proof goggles.
Hands	Wear polyethylene or polypropylene gloves.
Body	Not required under normal conditions of use.
Respiratory	Not required under normal conditions of use.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	CLEAR LIQUID
Odour	PUNGENT ODOUR
Flammability	CLASS C1 COMBUSTIBLE
Flash point	85°C
Boiling point	NOT AVAILABLE
Melting point	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE
pH	NOT AVAILABLE
Vapour density	NOT AVAILABLE
Specific gravity	1.021

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Solubility (water)	INSOLUBLE
Vapour pressure	NOT AVAILABLE
Upper explosion limit	NOT AVAILABLE
Lower explosion limit	NOT AVAILABLE
% Volatiles	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended conditions of storage. Potential for exothermic hazard.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources.
Material to avoid	Incompatible with oxidising agents (eg. hypochlorites), heat and ignition sources. Also incompatible with strong reducing agents, amines, alcohol and alkali metals.
Hazardous Decomposition Products	May evolve toxic gases (carbon/ nitrogen oxides, cyanides, hydrocarbons) when heated to decomposition.
Hazardous Reactions	May polymerise if exposed to alkalis, acids, alcohols and peroxides. May polymerize in the presence of water.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Low toxicity - irritant. Use safe work practices to avoid eye or skin contact and inhalation. May cause sensitisation by skin contact. When used in small quantities, the potential for over exposure is reduced.
Eye	Irritant. Contact may result in irritation, lacrimation, pain, redness, conjunctivitis and corneal burns. Glue cures on contact with moisture, and may cause eyelids to stick together.
Inhalation	Low irritant. Over exposure may result in irritation of the nose and throat, with coughing. High level exposure may result in dizziness, nausea and headache. When used in small quantities, the potential for over exposure is reduced.
Skin	Irritant. Contact may result in drying and defatting of the skin, rash and dermatitis. Bonding with skin may cause minor tissue damage. May cause sensitisation by skin contact. May be dissolved with a warm 1% solution of sodium bicarbonate.
Ingestion	Low toxicity. Ingestion may result in tissue damage to the mouth. Ingestion is considered unlikely due to product form.
Toxicity data	POLYMETHYL METHACRYLATE (9011-14-7) TDL _o (skin) 127 mg/kg (rat - tumors)

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

14. TRANSPORT INFORMATION

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

LAND TRANSPORT
(ADG)

SEA TRANSPORT
(IMDG / IMO)

AIR TRANSPORT
(IATA / ICAO)

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UN number	None Allocated	None Allocated	None Allocated
Proper shipping name	None Allocated	None Allocated	None Allocated
DG class/ Division	None Allocated	None Allocated	None Allocated
Subsidiary risk(s)	None Allocated	None Allocated	None Allocated
Packing group	None Allocated	None Allocated	None Allocated
Hazchem code	None Allocated		

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	PERSONAL PROTECTIVE EQUIPMENT GUIDELINES: The recommendation for protective equipment contained within this ChemAlert 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.
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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

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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.

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End of SDS