

# SAFETY DATA SHEET

Perfect Nails Advanced Gel System Bonder Gel

SDS DATE:05/11/2016

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Perfect Nails Advanced Gel System Bonder Gel  
**SYNONYMS:** None  
**MANUFACTURER:** Beautyworld Pty Ltd  
**ADDRESS:** Unit 2 /33-35 Lundberg Dr, Murwillumbah, NSW, 2484 Australia  
**PHONE:** 1300 739893 ( Business Hours)  
**AFTER HOURS:** 0414362966  
**FAX :** 02 66 725265  
**EMAIL:** [info@beautyworld.com.au](mailto:info@beautyworld.com.au)  
**WEB:** [www.beautyworld.com.au](http://www.beautyworld.com.au)  
**CHEMICAL NAME:** Acrylate mixture  
**CHEMICAL FAMILY:** Acrylates  
**PRODUCT USE:** Nail coating

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## SECTION 2: HAZARDS IDENTIFICATION

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### Hazardous Nature

This product is classified as hazardous under GHS for Australian criteria

### Hazardous Classification

Eye Irritation 2; Skin Sensitisation 1

### Hazard Statements

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

### Precautionary Statements

P102: Keep out of reach of children.

P261 +271: Avoid breathing vapours and use in a well ventilated space.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves and eye protection.

### Response Statements

P304+340+ 312: If inhaled remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a Poison Information Centre or doctor if you feel unwell.

P301+312+330: In swallowed call a Poison Information Centre or doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so.

P303+362+353+362 : If on skin remove contaminated clothing and wash skin with soap & water. Wash clothing before reuse.

# SAFETY DATA SHEET

Perfect Nails Advanced Gel System Bonder Gel

SDS DATE:05/11/2016

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## SECTION 2: HAZARDS IDENTIFICATION (cont)

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### Response Statements (contd)

P305+351+338+310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Contact a Poisons Information Centre or doctor.

P501: Dispose of contents/container in accordance with local regulations.

**Dangerous Goods Classification** Not regulated

**Poisons Schedule** Not regulated

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## SECTION 3: COMPOSITION

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Ingredient	CAS	Percentage
Urethane Acrylate Oligomer	NA	60-90%
Tripropyleneglycol diacrylate	42978-66-5	10-20%
Proprietary Phenylketone	NA	1-5%
Proprietary Photoinitiator complex	NA	1-5%

This product also contains suitable inhibitors at less than 0.1%.

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## SECTION 4: FIRST AID MEASURES

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**For advice, contact Poisons Information Centre (Phone Australia: 13 1126) or a doctor.**

### Ingestion

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention.

### Skin Contact

Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 15 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for up to 48 hours.

# SAFETY DATA SHEET

Perfect Nails Advanced Gel System Bonder Gel

SDS DATE:05/11/2016

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## SECTION 4: FIRST AID MEASURES ( cont)

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### First Aid facilities

Provide eye baths and safety showers.

### Medical Attention

Treat according to symptoms. Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis

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## SECTION 5: FIRE-FIGHTING MEASURES

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Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress, providing firefighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

### Suitable extinguishing media

Use dry chemical, CO<sub>2</sub> , water spray (fog) or foam. Do NOT use water jet

### Hazards from combustion products

Oxides of carbon and nitrogen

### Precautions for fire fighters and special protective equipment

Fully self-contained breathing apparatus, overalls, and safety boots

**Hazchem Code:** • Not regulated

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### Emergency Procedures

Prevent fluid from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

### Emergency Procedures

#### Methods and materials for containment

#### Small Spill

Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

#### Major Land Spill

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard.
- Prevent liquid from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled liquid with sand or earth.
- Recover by pumping - use explosion proof pump or hand pump - or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and "Stability and Reactivity"

# SAFETY DATA SHEET

Perfect Nails Advanced Gel System Bonder Gel

SDS DATE:05/11/2016

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## SECTION 6: ACCIDENTAL RELEASE MEASURES (cont)

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### Major Water Spill

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard.
  - Notify the port or relevant authority and keep the public away from the area.
  - Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and "Stability and Reactivity".

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## SECTION 7: HANDLING AND STORAGE

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### Precautions for safe handling

Avoid prolonged contact with this material. Avoid breathing the vapors generated by this product. Use in a well ventilated location (e.g., local exhaust ventilation, fans). Wash exposed skin thoroughly with plenty of soap and water after using this product. If necessary, use a moisturizer after washing. Do not eat, drink or smoke while handling this product.

### Conditions for safe storage

Store in a cool, dry place away from direct sunlight. Do not pressurise, cut, heat or weld containers. This product will fuel a fire in progress. The product contains an inhibitor which may be reduced with age. For further information contact the supplier.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### National Exposure Standards

None assigned.

### Personal Protective Equipment

**Respiratory Protection:** It is suggested that this product is used with a recognized ventilation system that is routinely maintained in order to minimize exposure to vapours. Such equipment should be fitted with explosion proof equipment.

**Eye Protection:** Always use safety glasses or a face shield when handling this product.

**Skin/ Body Protection:** Always wear long sleeves and long trousers or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves (e.g. PVC) be worn when handling this product.

# SAFETY DATA SHEET

Perfect Nails Advanced Gel System Bonder Gel

SDS DATE:05/11/2016

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Property	Unit of Measurement	Value
Appearance	Visual	Clear or tinted gel
Boiling Point/ Range	°C	Not determined
Flash Point	°C	>110
Density @ 15°C	g/ml	1.08
Vapour Pressure @ 20°C	kPa	Not determined
Explosive Limits (LEL - UEL)	%	Not determined
Vapour Density @ 20°C	kPa	Not determined
Autoignition Temperature	°C	Not determined
Viscosity @ 20°C	cPs	Not determined
Percent Volatiles	%	<1
Solubility with Water	% w/w	Insoluble

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## SECTION 10: STABILITY AND REACTIVITY

### Chemical Stability

Stable at room temperature and pressure.

### Conditions to avoid

Sources of heat and ignition, open flames. Keep container tightly closed as vapours may accumulate in low and/or confined areas.

### Hazardous decomposition products

Carbon and nitrogen oxides on burning

### Hazardous reactions

Strong oxidising agents. Strong acids and bases, Peroxides.

### Hazardous Polymerisation

Does not usually occur under normal conditions of storage. Storage at elevated temperatures or for long periods may lead to polymerization due to inhibitor depletion.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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This product has not been tested on animals to obtain toxicology data.

Data for Tripropylene Glycol Diacrylate/Urethane acrylate mixture is as follows.

Oral LD<sub>50</sub>: >1g/kg (rat) , Oral LD<sub>50</sub>: >2g/kg (rabbit), Eye irritation ( rabbit) : Moderate

### Acute Effects

#### Ingestion

This material may cause irritation to the throat, trachea and respiratory tract. It may cause nausea. Vomiting may cause the product to be aspirated to the lungs resulting in chemical pneumonitis.

# SAFETY DATA SHEET

Perfect Nails Advanced Gel System Bonder Gel

SDS DATE:05/11/2016

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## SECTION 11: TOXICOLOGICAL INFORMATION ( contd)

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### Eye Contact

Liquid may cause moderate to severe eye irritation and corneal damage.

### Skin Contact

Adverse symptoms may include the following:redness & irritation. Sensitisation may occur so that subsequent exposures result in more pronounced allergic reactions.

### Inhalation

Adverse symptoms may include the following: respiratory tract irritation, coughing

### Chronic Effects

Repeated or prolonged skin contact with the liquid may cause irritant contact dermatitis with subsequent reactions becoming more pronounced.

There are no known significant effects or hazards relating to carcinogenicity, mutagenicity, teratogenicity, developmental effects or effects on fertility with this product.

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## SECTION 12: ECOLOGICAL INFORMATION

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### Ecotoxicity

No data available for the product. Data shown below is for the Tripropylene Glycol Diacrylate/ Urethane Acrylate mixture  
LC<sub>50</sub> (Acute Fish) 1-10mg/L, LC<sub>50</sub> (Acute Bacteria) 1-10mg/L

### Mobility

No available data. Product is insoluble in water.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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### Disposal Methods

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are harmful. Ensure that empty packaging is allowed to dry.

### Special Precautions for Landfill or Incineration

This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers.

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## SECTION 14: TRANSPORT INFORMATION

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Not regulated for shipping.

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## SECTION 15: REGULATORY INFORMATION

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**Country/ Region:** Australia

**Inventory:** AICS

**Status:** Listed

**Poisons Schedule:** Not regulated

# SAFETY DATA SHEET

Perfect Nails Advanced Gel System Bonder Gel

SDS DATE:05/11/2016

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## SECTION 16: OTHER INFORMATION

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### References:

#### Supplier SDS

<http://chem.sis.nlm.nih.gov/chemidplus>

<http://hsis.ascc.gov.au/SearchHS.aspx>

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority.

Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Beautyworld Pty Ltd.

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