

# SAFETY DATA SHEET

Perfect Nails Competition Formula Primer

SDS DATE:27/09/2016

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Perfect Nails Competition Formula Primer  
**SYNONYMS:** Nail priming agent  
**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:** Methacrylic Acid  
**CHEMICAL FAMILY:** Carboxylic Acid  
**PRODUCT USE:** Priming agent for artificial nail enhancements

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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

Acute Toxicity - Inhalation: 3; Acute Toxicity – Dermal:3; Acute Toxicity – Oral:4 ; Skin Corrosion: 1B; Eye Damage: 1 , Skin Sensitisation: 1; Flammable Liquid: 4

### Hazard Statements

H227: Combustible liquid  
H302: Harmful if swallowed  
H311: Toxic in contact with the skin  
H314: Causes severe skin burns and eye damage  
H315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H318: Causes serious eye damage  
H331: Toxic if inhaled  
H335: May cause respiratory irritation.

### Precautionary Statements

P102: Keep out of reach of children.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P403 + 233+ 405 : Store in a well ventilated place. Keep container tightly closed. Store locked up.

# SAFETY DATA SHEET

Perfect Nails Competition Formula Primer

SDS DATE:27/09/2016

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## SECTION 2: HAZARDS IDENTIFICATION (cont)

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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 & Disposal Statements

#### Poisons Information – Australia wide Ph 13 11 26

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 (Ph 13 1126) 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.

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:** 8

**Poisons Schedule:** Not regulated

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## SECTION 3: COMPOSITION

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Ingredient	CAS	Percentage
Methacrylic Acid	79-41-4	≥95%
Isobutyl Methacrylate	97-86-9	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.

# SAFETY DATA SHEET

Perfect Nails Competition Formula Primer

SDS DATE:27/09/2016

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## SECTION 4: FIRST AID MEASURES ( cont)

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### **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.

### **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 extinguishing agent suitable for surrounding fire..

### **Hazards from combustion products**

Oxides of carbon

### **Precautions for fire fighters and special protective equipment**

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

**Hazchem Code:** •3W

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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. Use spark-proof tools and explosion-proof equipment. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

# SAFETY DATA SHEET

Perfect Nails Competition Formula Primer

SDS DATE:27/09/2016

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## SECTION 6: ACCIDENTAL RELEASE MEASURES (cont)

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### 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"

### 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

This product is flammable and corrosive. Do not open near open flame, sources of heat or ignition. No smoking. Keep container tightly closed. Handle containers with care. Use only with the appropriate eye and glove protection. Avoid contact with the skin and ensure adequate ventilation when product is in use.

### Conditions for safe storage

Store in a cool, dry place away from direct sunlight. 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

The time weighted average concentration (TWA) for this product is: 70 mg/m<sup>3</sup> (20 ppm). Which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. Adequate ventilation is required at all times to prevent accumulation of product vapours.

### 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.

# SAFETY DATA SHEET

Perfect Nails Competition Formula Primer

SDS DATE:27/09/2016

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (cont)

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**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.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Property	Unit of Measurement	Value
Appearance	Visual	Clear, colourless liquid
Boiling Point/ Range	°C	161
Flash Point	°C	65
Density @ 15°C	g/ml	Not available
Vapour Pressure @ 20°C	kPa	0.13
Explosive Limits (LEL - UEL)	%	Not determined
Vapour Density @ 20°C	kPa	>1 ( Air = 1)
Autoignition Temperature	°C	Not determined
Viscosity @ 20°C	mPa.s	1.4
Percent Volatiles	%	Not available
Solubility with Water	% w/w	Not determined

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## SECTION 10: STABILITY AND REACTIVITY

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### 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 oxides on burning

### Hazardous reactions

Strong oxidising agents.

### Hazardous Polymerisation

Does not usually occur under normal conditions of storage, but may occur if the product is heated or sparked. Risk of spontaneous polymerization increases as the product ages.

# SAFETY DATA SHEET

Perfect Nails Competition Formula Primer

SDS DATE:27/09/2016

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### Toxicological Information

Methacrylic acid : Oral LD<sub>50</sub>: 1060mg/kg (rat); Inhalation LC<sub>50</sub>: 7100 mg/m<sup>3</sup>, 4hrs (rat).

LD50 Dermal: 500mk/kg (rabbit)

### Acute Effects

#### Ingestion

This material will cause irritation and burns 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.

#### Eye Contact

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

#### Skin Contact

Causes sever burns. 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

#### Aquatic Toxicity

Methacrylic Acid: EC50 0.59mg/l Algae 96 hours, LC50 85mg/L Fish 96 hours, Chronic NOEC 53mg/L Daphnia magna neonate fresh water 21 days

#### Persistence/ degradability

Methacrylic acid LogP<sub>ow</sub> = 0.93. Low potential for bioaccumulation.

Isobutyl methacrylate LogP<sub>ow</sub> = 2.95. Low potential for bioaccumulation.

#### Mobility

No available data

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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 flammable and 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.

# SAFETY DATA SHEET

Perfect Nails Competition Formula Primer

SDS DATE:27/09/2016

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## SECTION 14: TRANSPORT INFORMATION

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Road & Rail		Maritime		Air	
UN Number	1760	UN Number	1760	UN Number	1760
Proper Shipping name	Corrosive Liquid NOS (methacrylic acid, isobutyl methacrylate)	Proper Shipping name	Corrosive Liquid NOS (methacrylic acid, isobutyl methacrylate)	Proper Shipping name	Corrosive Liquid NOS (methacrylic acid, isobutyl methacrylate)
DG Class	8	DG Class	8	DG Class	8
Sub Risk	None	Sub Risk	None	Sub Risk	None
Packing group	II	Packing group	II	Packing group	II
Hazchem	3W	Hazchem	3W	Hazchem	3W

### Dangerous Goods Segregation

This product is classed as Dangerous Goods Class 8, packing group II. Please consult the Australian Dangerous Goods Code for Transport by Road and Rail for information.

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## SECTION 15: REGULATORY INFORMATION

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**Country/ Region:** Australia

**Inventory:** AICS

**Status:** Listed

**Poisons Schedule:** Not regulated

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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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