

# Perfect Nails ViViGel Top Gel SDS

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### Section 1 - Identification of the Material and Supplier

Chemical nature: Acrylic oligomer/monomer mixture  
Trade Name : Perfect Nails ViViGel Top Gel  
Product Use: Nail coating  
Creation Date : May 2013  
Supplier : Beautyworld Pty Ltd  
Unit 2 ,33-35 Lundberg Dr, Murwillumbah NSW 2484, Australia  
Phone : 1300 739893 (Int + 61 2 56022999)  
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Web : www.beautyworld.com.au

### Section 2 - Hazards Identification

**Hazardous according to criteria of Safe Work Australia**  
**Not dangerous according to the Australia Dangerous Goods Code (ADG7)**

#### Risk Phrases:

- R: 36/37/38 Irritating to eyes, respiratory system and skin.
- R: 43 May cause sensitisation by skin contact.
- R: 50 Very toxic to aquatic organisms



Marine  
Pollutant

#### Safety Phrases:

- S: 3 Keep in a cool place
- S: 7 Keep container tightly closed.
- S: 9 Keep container in a well ventilated place.
- S: 20 When using do not eat or drink.
- S: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S: 28 After contact with skin, wash immediately with soap and water.
- S: 29 Do not empty in drains
- S: 37/39 Wear suitable protective gloves and eye/face protection.
- S: 61 Avoid release into the environment. Refer to special instructions/Safety Data Sheets.

SUSMP: Not regulated

ADG Classification : Not regulated

Marine Pollutant : Yes

### Section 3—Composition/Information on Ingredients

Ingredients:	CAS	Percentage
Urethane dimethacrylate	None assigned	30 - 60%
Hydroxypropyl methacrylate	[27813-02-1]	15 - 40 %
Photoinitiator Blend	None assigned	10 - 30%
Trimethylolpropane Trimethacrylate	[3290-92-4]	7 - 13 %
Phosphate Ester	[52628-03-2]	5 - 10%
2 Hydroxyethyl Methacrylate	[868-77-9]	5 - 10%

### Section 4 - First Aid Measures

#### General Information:

You should call the Poisons Information centre if you feel that you have been poisoned by this product.  
Phone 13 1126 from anywhere in Australia 24 hours a day, 7 days a week. If possible have a copy of this SDS when you call.

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**Section 4 - First Aid Measures ( Cont)**

Swallowed: Do not induce vomiting. Rinse mouth with water. Drink plenty of water or milk IMMEDIATELY. Continue to give water or milk if patient is vomiting. Estimate amount and time of ingestion and seek immediate medical assistance.

Skin: Remove contaminated clothing and wash skin thoroughly with soap and water. If redness or irritation persists seek medical assistance.

Eyes: Hold eyes open, flood with water for at least 15 minutes and seek medical advice.

Inhaled: Remove from exposure, rest and keep warm.

**First Aid facilities:**

Recommended: Eye wash. Hand wash basin.

**Advice to Doctor:**

Product is a mixture of acrylate ester oligomer and monomers. Irritating to skin and eyes. May cause sensitisation by skin contact. Contact Poisons Information Centre.

**Aggravated medical conditions:**

Pre-existing skin disorders, pre-sensitisation to acrylates.

**Section 5 - Fire Fighting Measures**

**HAZCHEM Code:** None assigned

**Evacuate:** Yes.

**Extinguishant:** Foam. Carbon dioxide, dry chemical

**Risk of violent reaction or explosion:** Yes. Heat may induce polymerisation with rapid release of energy. Closed containers may rupture explosively.

**Products of combustion:** Oxides of carbon.

**Protective Equipment:** Breathing apparatus and protective gloves for fire only.

**Section 6 - Accidental Release Measures**

**Emergency Procedures:**

Evacuate any unnecessary personnel.

Shut off all sources of ignition.

Increase ventilation.

Contain.

Use only non-sparking tools.

Prevent spillages from entering drains, natural waters or the environment.

**For small spills:**

Absorb on inert absorbent, transfer to suitable closed container and arrange removal by disposals company. Wash site of spillage thoroughly with water and detergent.

Contact local Council authority for disposal according to local regulations.

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**Section 7 - Handling and Storage**

**Precautions for safe handling:**

Avoid contact with skin and eyes. Protect from heat and direct sunlight and keep caps of containers tightly closed.

**Conditions for safe storage:**

Store in a cool, well ventilated place, out of reach of children. Store in original container. Keep container tightly closed out of direct sunlight in a cool place. Keep away from naked flames and other sources of ignition. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

**Incompatibles:**

Sources of ignition, heat, sunlight.

**Section 8 - Exposure Control and Personal Protection**

**National Exposure Standards:**

None assigned.

**Engineering Controls:**

Use only flame proof equipment and non-sparking tools. Ensure adequate ventilation (same as outdoors) when using.

**Personal Protective Equipment:**

Avoid contact with skin and eyes. Personal protection should take the form of safety eye wear and the use of gloves.

**Section 9 - Physical and Chemical Properties**

Appearance: Viscous clear liquid  
Odour: Slight acrylate odour  
pH: No data.  
Vapour Pressure: No data  
Vapour Density: No data  
Boiling Point: No data  
Melting Point: No data.  
Viscosity: No data  
Volatiles: Negligible  
Solubilities: Negligible  
Specific Gravity/Density: No data  
Flash Point: > 93 degrees C  
Flammable Limits: No data  
Dust Explosion: Not applicable.  
Auto-ignition Temperature: No data

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**Section 10 - Stability and Reactivity**

**Chemical Stability:** Stable under normal conditions. Unstable upon depletion of inhibitor and/or heat

**Conditions to Avoid:** Incompatible materials, heat, light, exhaustion of inhibitors.

**Incompatible Materials:** Oxidising agents, reducing agents, free radical initiators

**Hazardous Decomposition Products:** Oxides of carbon when burned.

**Hazardous Reactions:** May polymerise violently on contact with incompatible materials, or on exposure to heat or light (including UV light).

**Section 11 - Toxicological Information**

**Health Effects:** No data available for the mixture. Information below relates to individual components of the mixture

**Acute:**

**Swallowed:** May cause nausea, headache, vomiting, diarrhoea and/or CNS effects.

**Skin:** May cause skin irritation, redness and/or swelling

**Eyes:** Liquid and concentrated vapours may cause irritation of the eyes. Contact with the liquid may cause irritation and possible corneal damage.

**Inhaled:** May cause respiratory tract irritation especially if used at elevated temperatures.

**Chronic:** Repeated or prolonged skin contact may cause allergic skin rashes, itching and swelling which becomes evident on re-exposure to this product.  
Chronic exposure to HEMA in the product may cause kidney and liver problems especially in persons with compromised kidney or liver function.

**Section 12 - Ecological Information**

**Ecotoxicity:** This is no specific data, but release of the product may be harmful to aquatic organisms.

**Persistence and degradability:** No data.

**Mobility:** No data.

**Environmental Fate:** No data.

**Bioaccumulative potential:** No data.

**Other adverse environmental effects:** No data.

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**Section 13—Disposal considerations**

**Small Spills and empty containers:** Wrap in paper and dispose with regular waste.

**Large spills:** Absorb with a suitable adsorbent and contain in plastic or metal container. Contact local council or a commercial waster disposal service for disposal method.

**NOT suitable for disposal into drainage. Potentially toxic to marine organisms.**

**Section 14 - Transport Information**

**UN Number:** Not regulated

**UN Proper shipping name:** Not regulated

**Class and subsidiary risk:** Not regulated

**Packaging group:** Not regulated

**Special precautions for user:** Keep away from naked flames and other sources of ignition. Protect from heat and direct sunlight.

**HAZCHEM Code:** Not regulated

**Material for export:** Refer to **IMDG** and **IATA/ICAO**.

**Section 15 - Regulatory Information**

**Poisons (SUSMP):** Not regulated

**Dangerous Goods:** Not regulated

<b>Carcinogen:</b>	<b>Australia</b>	<b>IARC</b>	<b>NTP</b>	<b>RTECS</b>
	No.	No.	No.	No.

**Agricultural and Veterinary Chemicals Act:** Not applicable.

**Australian Inventory of Chemical Substances (AICS):** Listed.

**Section 16 - Other Information**

**Date of SDS preparation:** May 2013

**Abbreviations:**

NOHSC - National Occupational Health and Safety Commission.

ACGIH - American Conference of Governmental Industrial Hygienists.

MAK - Maximum workplace concentration - Germany,  
(*maximale Arbeitsplatzkonzentration*)

IARC - International Agency for Research on Cancer (France).

NPT - National Toxicology Program (USA).

RTECS - Registry of Toxic Effects of Chemical Substances.

HSE - Health and Safety Executive (United Kingdom).

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**Section 16 - Other information ( Cont)**

**Available Sources of Data:**

*National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [2011(2003)] - NOHSC.*

*Australian Dangerous Goods Code.*

*Standard for the Uniform Scheduling of Drugs and Poisons - AHMAC.*

*Exposure Standards for Atmospheric Contaminants in the Occupational Environment [1003]- NOHSC.*

*List of Designated Hazardous Substances [10005] - NOHSC.*

*Merck Index - Merck Inc.*

*Sax's Dangerous Properties of Industrial Materials - Lewis.*

*Handbook of Toxic and Hazardous Chemicals and Carcinogens - Sittig.*

*Handbook of Reactive Chemical Hazards - Bretherick.*

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