

# SAFETY DATA SHEET

Onyx Acrylic Powder – Salon Set All shades

SDS DATE:21/05/2018

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Onyx Acrylic Powder – Salon Set All shades  
**SYNONYMS:** Acrylic polymer  
**MANUFACTURER:** Vivid Nails  
**ADDRESS:** 10 Pastoral Place, Sydenham, VIC 3037, Australia  
**PHONE:** 03 9449 4055 ( Business Hours)  
**AFTER HOURS:** 0417 538 480  
**EMAIL:** viv@vividnails.com.au  
**WEB:** www.vividnails.com.au  
**CHEMICAL NAME:** Copolymer Mixture  
**CHEMICAL FAMILY:** Acrylates  
**PRODUCT USE:** Artificial Nail Enhancement

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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

H335: May cause respiratory irritation.

### Precautionary Statements

P102: Keep out of reach of children.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves and eye protection.

### Response & Disposal Statements

#### For Poisons Information Australia wide Phone 13 11 26

P302+353+ 362: IF ON SKIN: Remove contaminated clothing and wash before reuse. Wash skin with soap and water

P332+313 : If skin irritation persists seek medical advice.

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.

P337+313: If eye irritation persists seek medical advice.

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

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## SECTION 3: COMPOSITION

Ingredient	CAS	Percentage
Methacrylate Copolymer blend	25685-29-4	40-50%
Poly Ethylmethacrylate	9003-42-3	40-50%
Dibenzoyl Peroxide	94-36-0	1.0-5%

## SECTION 4: FIRST AID MEASURES

**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 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

## SECTION 5: FIRE-FIGHTING MEASURES

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. Do NOT use water jet.

### Hazards from combustion products

Methacrylate monomer, Oxides of carbon

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## SECTION 5: FIRE-FIGHTING MEASURES (contd)

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### Precautions for fire fighters and special protective equipment

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

**Hazchem Code:** • None allocated

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### Emergency Procedures

Prevent spills from escaping to drains and waterways. Spills can create a slip hazard and should be promptly contained.

### Emergency Procedures

#### Methods and materials for containment

#### Small Spill

Move containers from spill area. Cover with an inert dry material and place in an appropriate waste disposal container. Avoid creating dust during recovery of spilled material. Dispose of via a licensed waste disposal contractor.

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## SECTION 7: HANDLING AND STORAGE

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### Precautions for safe handling

Read the instructions for handling before use. Use safe work practices to minimize skin and eye contact. Wash hands and arms with soap and water after handling.

### Conditions for safe storage

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

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### National Exposure Standards

There are no Australian exposure standards for the major component of this product however adequate ventilation is required at all times.

Dibenzoyl peroxide TWA 5mg/m<sup>3</sup>.

TWA = A time-weighted average is equal to the sum of the portion of each time period (as a decimal, such as 0.25 hour) multiplied by the levels of the substance or agent during the time period divided by the hours in the workday (usually 8 hours).

### 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 dusts. Such equipment should be fitted with explosion proof equipment. Otherwise protective gloves and eye protection should be used in association with adequate work area ventilation.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Property	Unit of Measurement	Value
Appearance	Visual	Fine Powder – white to pink or beige tint
Boiling Point/ Range	°C	Not available
Flash Point	°C	>93
Autoignition Temperature	°C	Not available
Density	g/ml	Not available
Decomposition temperature	%	Not available
Solubility with Water	% w/w	Not available

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## SECTION 10: STABILITY AND REACTIVITY

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### Chemical Stability

Stable at room temperature and pressure.

### Conditions to avoid

Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. Prevent dust accumulation.

### Hazardous decomposition products

Methacrylate monomer, Carbon oxides on burning

### Hazardous reactions

Strong oxidising agents.

### Hazardous Polymerisation

Does not usually occur under normal conditions of storage

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### Toxicological Information

Dibenzoyl peroxide : Oral LD<sub>50</sub>: 2g/kg (rat)

### Acute Effects

#### Ingestion

No known critical hazard, but the product may cause nausea and vomiting. Vomiting may cause the product to be aspirated to the lungs resulting in chemical pneumonitis.

#### Eye Contact

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

#### 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 powder may cause irritant contact dermatitis with subsequent reactions becoming more pronounced.

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## SECTION 11: TOXICOLOGICAL INFORMATION (cont)

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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

Dibenzoyl peroxide: Daphnia pulex Neonate Acute LC50 6.5mg/L Fresh water / 48 hours

Fundulus heteroclitus (fish) Acute LC50 > 1000000 microgam/L Marine water /96 hours

Ceriodaphnia dubia Neonate Acute LC50 3mg/L Fresh water / 48 hours

#### Persistence/ degradability

Dibenzoyl peroxide LogP<sub>ow</sub> = 3.2. 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.

### 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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This product is 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.

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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 Vivid Nails.