

## SAFETY DATA SHEET

### NON-Hazardous Substance, NON-Dangerous Goods

#### Section 1: Identification

<b>Product Identifier</b>	Low toxicity, low VOC waterborne modified hybrid Urethane Acrylic high performance Trade name: <b>Eco Sports Shield</b>
<b>Recommended Use</b>	High performance interior and exterior coating for use in sports courts and water parks. Can be coloured and with aggregate will produce a slip resistant surface up to R12 rating.
<b>Details of supplier of the SDS</b>	<p><b>Manufacturer</b> Ecoshield Performance Coatings Pty Ltd 66 O'Sullivan Beach Road Lonsdale 5160 South Australia</p> <p><b>Contact Person</b> Joe Haif, Managing Director</p> <p><b>24/7 Emergency</b> 0414 793 237 (TAMSA International Consulting)</p> <p><b>Email</b> info@ecoshield.com.au</p>

#### Section 2: Hazard Identification

<b>2.1 Classification of the substance or mixture</b>	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".
<b>2.2 Poison Schedule</b>	Not classified
<b>2.3 Hazard Statements</b>	<p>H315 Causes skin irritation H317 May cause allergic skin reaction H319 Causes serious eye irritation</p> <p><b>Precautionary Statement - Prevention</b> P103 Read label before use P104 Read Safety Data Sheet before use P264 Wash arms, hands and face after handling P273 Avoid release into the environment P280 Wear gloves and eye protection</p> <p><b>Precautionary Statement - Response</b> P302+P352 If on skin: Wash with plenty of water P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, continue rinsing P310 If ingested: Call a Poisons Centre for advice P332+P313 If skin irritation occurs: Get medical attention P362 Take off contaminated clothing and wash before use P501 Dispose of contents in accordance with local and state regulations</p>

#### Section 3: Composition of Substance or Mixture

Chemical Name	CAS Number	Percentage
Styrene Acrylic Co-Polymer Emulsion	Confidential	30-50%
Polyurethane dispersion	Confidential	30-60%
Proprietary ingredients	Confidential	Less than 10%

#### Section 4: First Aid Measures

##### 4.1 General First Aid Information

###### Eye Contact

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present if easy to do. Continue rinsing. May cause irritation and redness. Seek medical attention.

###### Inhalation

Not considered a hazard.

###### Skin Contact

If on skin: wash with plenty of soap and running water. May cause redness. If irritation persists, seek medical advice.

###### Ingestion

Immediately give milk or water. Do not induce vomiting. First aid is generally not required. Call a doctor if necessary.

**Advice to Doctor**

Treat symptomatically. **Positions Information Centre Australia 131 126.**

**4.2 Symptoms Caused by Exposure**

Warning, contact Dermatitis may develop from repeated skin exposures.

**Section 5: Fire-Fighting Measures**

Not flammable.

If involved in a fire there is no restriction on types of fire extinguishers used in the immediate area.

There is no explosion risk.

**Hazchem - None**

**Section 6: Accidental Release Measures****6.1 Personal Precautions, Protective Equipment (PPE) and Emergency Procedures**

Avoid contact with skin and eyes. Wear protective gloves and eye protection.

**6.2 Clean-up and Containment Methods**

Minor hazard. Collect liquid with absorbent or sand. Place in sealed bin. Dispose of waste in accordance with local and state regulations. Generally suitable for landfill if absorbed spillage is in sealed containers.

**Section 7: Handling and Storage****7.1 Precautions for Safe Handling**

Maintain high standards of hygiene. As with all chemicals wash hands after use. Avoid contact with eyes, skin and mouth. Avoid contact with clothing. Contaminated clothing should be disposed of.

**7.2 Precautions for Storage**

Store in original containers. Do not allow to freeze. Store away from foodstuffs.

**Section 8: Exposure Controls / Personal Protection****8.1 Occupational Exposure Limit Values.**

No exposure standards have been established for this material by Safework Australia. However, with all chemicals, exposure should be kept to the lowest possible levels.

Engineering Controls: No specific controls are needed. Normal room or worksite ventilation is adequate.

Respiratory Protection: Normal room ventilation is adequate.

Skin Protection: Wear protective chemical resistant gloves.

Eye Protection: Wear safety glasses or goggles.

**8.2 Personal Protective Equipment**

Wear protective gloves and safety glasses or goggles eye protection. Normal room ventilation is adequate.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Milky white liquid
<b>Odour</b>	Slight, sweet
<b>Odour Threshold</b>	Data not available
<b>pH</b>	Approximately 7
<b>Initial Boiling Point</b>	Commences 100°C
<b>Flash Point</b>	Data not available
<b>Flammability</b>	Not flammable
<b>Explosive Limits</b>	Data not available
<b>Vapour Pressure</b>	17mm HG at 25°C
<b>Specific Gravity</b>	1.07
<b>Solubility in Water</b>	100% Dispersible
<b>Viscosity</b>	Free flowing liquid
<b>Explosive Properties</b>	Will not explode
<b>Oxidising Properties</b>	Data not available
<b>Auto Ignition Temperature</b>	Not capable of auto ignition
<b>Decomposition Temperature</b>	Will not decompose

**Section 10: Stability and Reactivity****10.1 Reactivity and Chemical Stability**

Stable under normal conditions of use.

**10.2 Possibility of Hazardous Reaction**

Hazardous polymerization will not occur.

**10.3 Conditions to Avoid**

Stable under normal conditions.

**10.4 Hazardous decomposition Products**

Will not occur.

## Section 11: Toxicological Information

### Acute Toxicity – Oral Exposure

Has not been classified as harmful by ingestion. Ingestion may irritate the gastric tract causing vomiting and nausea.

### Acute Toxicity – Dermal Exposure

This material is not thought to produce adverse health effects or skin irritation from contact. Nevertheless, good hygiene practice requires skin to be protected from any chemical contact.

### Acute Toxicity – Inhalation Exposure

Not thought to produce adverse health effects from inhalation. Nevertheless, good hygiene practice requires avoiding breathing any chemical product.

### Chronic Exposure

Long term exposure to the product is not thought to produce any chronic health effects. Nevertheless, exposure by all routes should be minimized as a matter of course.

### Skin Contact and Irritation

Not thought to produce adverse health effects from skin contact.

### Serious Eye Damage and Irritation

Not thought to produce adverse health effects from eye contact. Refer to first aid procedures in section 4 above.

### Cell Mutagenicity

Not considered mutagenic.

### Carcinogenicity

Not considered to be carcinogenic.

### Reproductive Toxicity

Not applicable

### Target Organ Toxicity from Single Exposure

Not applicable

### Target Organ Toxicity from Repeated Exposure

Not applicable

### Aspiration hazard

Not applicable

### Additional Toxicity Information

Data not available

## Section 12: Ecological Information

### 12.1 Ecotoxicity

Not classified as toxic to aquatic life with long lasting effects. However, avoid release to the environment. Dispose of contents in accordance with local, state and federal regulations.

### 12.2 Persistence and Degradability

Data not available.

### 12.3 Bioaccumulative Potential

Data not available.

### 12.4 Mobility in Soil

Data not available

### 12.5 Other adverse Ecological Effects

Data not available

## Section 13: Disposal Considerations

### 13.1 Waste Treatment Methods

Do not allow into drains or watercourses. Wastes are not controlled wastes but should be disposed of in accordance with any applicable regulations. Absorbed spillages are suitable for land fill disposal.

## Section 14: Transportation Information

### Not regulated for transport of Dangerous Goods

### 14.1 UN Number

None

### 14.2 Proper Shipping Name or Technical Name

Acrylic waterborne emulsion

### 14.3 Transport Hazard DG Class

None (ADG7)

- 14.4 Packing Group**  
Not regulated
- 14.5 Special Provisions**  
No data available
- 14.6 Label**  
No specific requirement
- 14.7 Hazchem code**  
None
- 14.8 EPG Number**  
None

## Section 15: Regulatory Information

- 15.1 General Information**  
No data available
- 15.2 Poisons Schedule**  
None
- 15.3 National / Regional Inventories**  
AICS listed

## Section 16: Other Information

- 16.1 Revision and Date of SDS**  
New SDS format - Issue number 1, dated 26 September 2017
- 16.2 SDS Prepared by:**  
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**Important note:**

All information contained in this SDS is considered by TAMSA International Consulting to be correct at the time of publication. All materials present hazards known and unknown. Caution in use of any product is recommended. This SDS is prepared for Ecoshield Performance Coatings Pty Ltd and is provided for customer and public use in good faith believing it to be accurate and representative. Final determination of suitability for use is the responsibility of the product user

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