

SAFETY DATA SHEET

Eco Sports Shield

NON-Hazardous Substance, NON-Dangerous Goods

Section 1: Identification

A low toxicity, low VOC waterborne modified hybrid Urethane Acrylic high performance coating for interior and exterior use.

Hazard alert code: NIL

- 1.1 Product Identifier** Eco Sports Shield
Trade name : Eco Sports Shield

- 1.2 Recommended Use** 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.

- 1.3 Details of supplier of the SDS** **Manufacturer**
Ecoshield Performance Coatings Pty Ltd
66 O'Sullivan's Beach Road
Lonsdale
South Australia 5160
Contact Person
Joe Haif, Managing Director

24/7 Emergency
0414 793 237 (TAMSA International Consulting)

Email
info@ecoshield.com.au

Section 2: Hazard Identification

- 2.1 Classification of the substance or mixture** 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".

- 2.2 Poison Schedule** Not classified

| Hazard Number | Hazard Statement |
|-----------------------------|---|
| H315 | Causes skin irritation |
| H317 | May cause allergic skin reaction |
| H319 | Causes serious eye irritation |
| Precautionary Number | Precautionary Statement - Prevention |
| P103 | Read label before use |
| P104 | Read Safety Data Sheet before use |
| P264 | Wash arms, hand and face after handling |
| P273 | Avoid release into the environment |
| P280 | Wear gloves and eye protection |
| | Precautionary Statement - Response |
| 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 for further 5 minutes. |
| P310 | If ingested call a Poisons Centre for advice |
| P332+P313 | If skin irritation occurs: Get medical attention |
| P362 | Take of contaminated clothing and wash before use |
| P501 | Dispose of contents in accordance with local and state regulations |

Section 3: Composition of Substance or Mixture

| Chemical Name | CAS Number | Percentage |
|------------------------------------|--------------|---------------|
| Styrene Acrylic Copolymer 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. Poisons Information centre Australia 131 126 |

4.2 Symptoms Caused by Exposure

Contact dermatitis may develop from repeated 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 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 absorbant or sand. Place in sealed bin. Dispose of waste in accordance with local and state regulations. Generally suitable for land fill 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 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

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

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 11: 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

EMERGENCY SDS CONTACT POINT:

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