

SAFETY DATA SHEET

Eco Clear Shield - Polycarbonate

NON-Hazardous Substance, NON-Dangerous Goods

Section 1: Identification

- 1.1 Product Identifier** Polycarbonate coating
 Trade name : Eco Clear Shield - Polycarbonate
- 1.2 Recommended Use** Waterborne Polycarbonate dispersion based coating for timber and concrete.
- 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 applicable

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
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
P310	If ingested call a Poisons Centre for advice
P332+P313	If skin irritation occurs: Get medical attention

Section 3: Composition of Substance or Mixture

Chemical Name	CAS Number	Percentage
Ingredients determined to be non-hazardous	-	100%

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 and easy to do. Continue rinsing. May cause irritation, redness, pain and tearing. A sensible precaution is to seek medical attention.
Inhalation	Not considered a hazard
Skin Contact	If on skin: wash with plenty of soap and water. May cause redness irritation. If irritation and pain continue seek medical advice.
Ingestion	Dilute with milk or water. Do NOT induce vomiting, Call a doctor if necessary.
Advice to Doctor	Treat symptomatically. Poisons Information centre Australia 131 126

4.2 Symptoms Caused by Exposure

Warning. Chronic dermatitis may develop from repeated exposures.

Section 5: Fire-Fighting Measures

Hazchem Code: Not applicable
Specific Hazards Non-combustible material

Section 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear protective gloves and eye protection.

6.2 Clean-up and Containment Methods

Slippery when spilt. Collect liquid with absorbant or sand. Place in sealed bin. Dispose of waste in accordance with local and state regulations. Small spillage is generally suitable for land fill if in sealed containers.

Section 7: Handling and Storage

7.1 Precautions for Safe handling and Storage

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.

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 and eye protection.
Eye Protection:	Wear safety glasses or goggles.



8.2 Personal Protective Equipment

Wear protective gloves and safety glasses or goggles eye protection. Clothing should cover arms and legs.

Section 9: Physical and Chemical Properties

Appearance:	Off white emulsion
Physical state:	Free flowing liquid
Odour:	Slight
Odour threshold:	Data not available
pH:	Approx. 7 - 8
Initial Boiling Point:	Over 100°C
Flash Point:	No applicable
Flammability:	Not flammable
Explosive Limits:	Data not available
Vapour Pressure:	Data not available
Specific Gravity:	1.04
Solubility in Water:	100% dispersible
Auto Ignition Temperature:	Not capable of Auto ignition
Decomposition Temperature:	Will not decompose
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

No known hazardous reactions

10.3 Conditions to Avoid

Elevated temperatures and sources of ignition.

10.4 Hazardous decomposition Products

Oxides of carbon and nitrogen.

Section 11: Toxicological Information

No adverse health effects expected if the product is handled in accordance with this SDS and product label. Symptoms that could arise if product is mishandled and over exposure occurs are:

Acute Toxicity – Eye Contact

May be an eye irritant.

Acute Toxicity – Oral Exposure

Has been classified as non-hazardous. Ingestion may irritate the gastric tract causing vomiting and nausea.

Acute Toxicity – Dermal Exposure

Potential skin irritant

Acute Toxicity – Inhalation exposure

Has been classified as non-hazardous. Not applicable. Not expected to be a respiratory sensitizer.

Skin Corrosive and Irritation

Irritating on skin. Prolonged or repeated contact may result in contact dermatitis and sensitisation in some individuals.

Serious Eye Damage and Irritation

May be an eye irritant

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**

No information as to toxic to aquatic life.. 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 controlled wastes and should be disposed of in accordance with any applicable regulations.

Section 14: Transportation Information**14.1 UN Number**

Not applicable mixture.

14.2 Proper Shipping Name or Technical Name

Not classified as dangerous Goods by criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail"

14.3 Transport Hazard DG Class

Not applicable

14.4 Packing Group

Not applicable

14.5 Special Provisions

No data available

14.6 Label

Warning label and pictogram not applicable

14.7 Hazchem code

Not applicable

14.8 EPG Number

Not applicable

Section 15: Regulatory Information

15.1 General Information

No data available

15.2 Poisons Schedule

Not applicable

15.3 National / Regional Inventories

AICS listed

Section 11: Other Information

16.1 Revision and Date of SDS

New format SDS, Issue number 1, dated 21 September 2017

16.2 SDS Prepared by:

P. Holgate MRACI, Ch Chem, FATFA
TAMSA International Consulting
Contact tamsaconsult@optusnet.com.au 24/7 mobile 0414 793 237

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:

TAMSA International Consulting 24 hour mobile – 0414 793 237
Email for MSDS enquiries: tamsaconsult@optusnet.com.au