

SAFETY DATA SHEET

Non-Hazardous Substance, Non-Dangerous Goods

Section 1: Identification

Product Identifier	Non Isocyanate Crosslinking Hardener Trade name: Diamond Link Hardener
Recommended Use	Major performance enhancement of Carbon Coat Polycarbonate coating. Part B, 2 pack Carbon Coat
Details of supplier of the SDS	Manufacturer Ecoshield Performance Coatings Pty Ltd 66 O'Sullivan Beach Road Lonsdale 5160 South Australia Contact Person Joe Haif, Managing Director Emergency Chemical Advice 0414 793 237 (TAMSA International Consulting) tamsaconsult@hotmail.com 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
2.3 Hazard Statements	H315 Causes skin irritation H317 May cause allergic skin reaction H319 Causes serious eye irritation
Precautionary Statement - Prevention	P103 Read label before use P104 Read Safety Data Sheet before use P273 Avoid release into the environment
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
Multifunctional Polycarbodimide	Trade Secret	40-60%
Water	7732-18-5	30-60%

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

4.2 Symptoms Caused by Exposure

Warning, Chronic Dermatitis may develop from repeated skin exposures.

Section 5: Fire-Fighting Measures

Hazchem Code: Not applicable

Specific Hazards: Non-combustible, non-flammable 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 spilled. Collect liquid with absorbent 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. Heavily 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.

Eye Protection: Wear chemical splash safety glasses or goggles.

8.2 Personal Protective Equipment

As with all chemicals, wear protective gloves and anti-splash safety glasses or goggles eye protection. Clothing should cover arms and legs.

Section 9: Physical and Chemical Properties

Appearance	Transparent, pale yellow
Physical State	Free flowing liquid
Odour	Slight
Odour Threshold	Data not available
pH	Approximately 8-11
Initial Boiling Point	Over 100°C
Flash Point	Not applicable
Flammability	Not flammable
Explosive Limits	Data not available
Vapour Pressure	Data not available
Specific Gravity	1.03 (20°C)
Solubility in Water	100% Dispersible
Explosive Properties	Will not explode
Oxidising Properties	Data not available
Auto Ignition Temperature	Not capable of auto ignition
Decomposition Temperature	Will not decompose

Section 10: Stability and Reactivity

10.1 Reactivity and Chemical Stability

Stable under normal conditions of use (at 25°C).

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

Non-irritant. Acute dermal irritation study Rabbits.

Acute Toxicity – Inhalation exposure

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

Skin Corrosive and Irritation

Non-sensitive (OECD No 429 Lymph Node Assay)

Serious Eye Damage and Irritation

Mild irritant

Cell Mutagenicity

Not considered mutagenic. Negative Ames test).

Carcinogenicity

Not considered to be carcinogenic. NTP none. IARC Monographs none.

Reproductive Toxicity

No data available

Target Organ Toxicity from Single Exposure

No data available

Target Organ Toxicity from Repeated Exposure

No data available

Aspiration hazard

No data available

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 this or any chemical into drains or watercourses. Low volume absorbed waste can be disposed of as landfill. Large volume 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. Not classified.

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 16: Other Information

16.1 Revision and Date of SDS

Issue number 2, dated 18 June 2019

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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