

SAFETY DATA SHEET

Premium ENVIROCOOL Roof Paint

GHS COMPLIANT

Date: July 2026 | Rev 1.0

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Deluxe Coatings Premium ENVIROCOOL Roof Paint	Manufacturer:	DELUXE COATINGS
Product Type:	Water-borne Pure Acrylic Emulsion Roof Coating	Address:	Unit 5/65 Holder Way, Malaga, WA 6090
Recommended Use:	Heat-reflective roof and wall coating for exterior use on granular tiles, cement tiles, fibre cement sheets, Galvanized Iron, Zinalume®, concrete, unglazed terracotta, metal.	Phone / Mobile:	(08) 9259 4113 / 0400 736 466
Restrictions:	Use only as directed on technical documentation.	Email / Web:	deluxecoatingsmalaga@gmail.com deluxecoatings.au
		Emergency:	Contact local poison information services or seek immediate medical attention.

SECTION 2: HAZARDS IDENTIFICATION

SIGNAL WORD: WARNING

GHS CLASSIFICATION

- **Acute Toxicity, Oral:** Category 4
- **Skin Irritation / Sensitization:** Category 3 (Mild) – Contains minor active anti-fungal/anti-microbial additives & trace volatile bases (ammonia).
- **Eye Irritation:** Category 2B – May cause eye irritation.

HAZARD STATEMENTS

- Harmful if swallowed.
- May cause mild skin irritation.
- Causes eye irritation.

PRECAUTIONARY STATEMENTS - GENERAL & PREVENTION

- **General:** Keep out of reach of children. Read label before use.
- **Prevention:** Ensure good ventilation during application and drying. Wear approved eye protection (AS1337). Wash thoroughly after handling.

PRECAUTIONARY STATEMENTS - RESPONSE & DISPOSAL

- **IF SWALLOWED:** Do NOT induce vomiting. Call a POISON CENTER or doctor/physician.
- **IF ON SKIN:** Wash with plenty of soap and water.
- **IF IN EYES:** Rinse cautiously with water for several minutes; seek medical advice.
- **Disposal:** Dispose of contents/container in accordance with local environmental regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion (% w/w)
Water-borne Acrylic Emulsion	Proprietary	58% - 60% (Mass) / 46% (Vol)
Active Solar Extenders (Aluminium Hydrate)	21645-51-2	10% - 20%
Solar-Reflective Pigments & Additives	Proprietary	10% - 25%
Ammonia (pH Adjuster)	1336-21-6	< 1% (pH 8-9)
Water	7732-18-5	Balance to 100%

SECTION 4: FIRST AID MEASURES

- Eye Contact:** Rinse immediately with water for at least 15 mins holding eyelids open. Seek medical advice if irritation persists.
- Skin Contact:** Wash area immediately with soap and water or a recognized skin cleaner.
- Inhalation:** Move to fresh air. Ensure good ventilation. If breathing difficulty occurs, seek medical attention.
- Ingestion:** **Harmful if swallowed. Do NOT induce vomiting.** Seek immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

- Flammability:** **Non-flammable** water-based liquid.
- Extinguishing:** Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), or water spray.
- Combustion:** Containers may burst under extreme heat. Dried film will burn emitting toxic fumes (CO, CO₂).
- Protective:** Firefighters must wear SCBA and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Ensure adequate ventilation. Avoid contact with eyes and prolonged skin contact. Wear AS1337 eye protection.
- Environmental:** Prevent product from entering drains, waterways, or soil.
- Containment & Cleanup:** Contain spillage with non-combustible absorbents (sand, earth, vermiculite). Scoop up. Brush remaining material onto newspaper, allow to dry completely, and dispose via solid waste. Clean area with warm, soapy water.

SECTION 7: HANDLING AND STORAGE

- Handling:** Stir thoroughly before and during use. Ensure good ventilation. Wear AS1337 approved eye protection.
- Storage:** Store in original, unopened containers in a dry, well-ventilated area protected from freezing and direct sunlight.
- Temperature & Shelf Life:** Ambient storage between 5°C and 35°C. Shelf life is 24 months from manufacturing date in unopened containers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters (VOC): VOC content < 50 g/L (EPA Method 24 / EU limits compliant).

Engineering Controls: Maintain adequate general dilution or local exhaust ventilation during mixing, application, and drying to ensure low odor and low VOC levels.

Personal Protective Equipment (PPE):

- **Eye/Face Protection:** Protective goggles/glasses approved to AS1337 must be worn while handling.
- **Skin Protection:** Wear protective gloves (nitrile or rubber) and standard protective clothing.
- **Respiratory Protection:** If spraying in confined spaces without adequate ventilation, wear an approved organic vapor/particulate respirator meeting AS/NZS 1716 standards.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Low Sheen liquid coating	Viscosity at 23°C	Approx. 95 KU
Colour	White and pastel solar-reflective shades	pH Value	8.0 – 9.0 (Adjusted using Ammonia)
Odor	Low Odor	Flash Point	Non-flammable
Generic Type	Water-borne Acrylic Emulsion	VOC Content	< 25 g/L
Solids Content	Approx. 58%-60% by mass; 46% by volume	Spreading Rate	6.5 - 7.5 m ² /L per coat at 60 µm DFT
Solubility in Water	Dispersible prior to curing; cured film is water repellent	Drying Times (25°C, 50% RH)	Touch: 30–60 min Recoat: Min 2–4 hrs Full Cure: 7–14 days
Specific Gravity (SG)	Approx. 1.33 kg/L	Melting/Freezing Point	Not determined (protect from freezing < 5°C)

SECTION 10: STABILITY AND REACTIVITY

Reactivity & Stability: Stable under normal conditions of use and storage (5°C to 35°C).

Hazardous Reactions: No dangerous reactions known under normal handling.

Conditions to Avoid: Extreme heat (>40°C), direct sunlight, and freezing conditions (<5°C).

Incompatible Materials: Avoid strong oxidizing agents, strong acids, or unapproved chemical additives.

Decomposition: Thermal decomposition under fire may produce CO, CO₂, and minor organic vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Low acute oral and dermal toxicity.

Skin Contact: Prolonged or repeated contact may cause mild irritation or skin dry-out.

Sensitization: Contains active anti-fungal/anti-microbial additives which may trigger sensitivity in hyper-susceptible individuals.

Eye Contact: Direct splash may cause eye irritation and temporary discomfort.

Ingestion: Swallowing may cause gastrointestinal discomfort, nausea, and vomiting.

Carcinogenicity: Components are not classified as carcinogenic/mutagenic under GHS.

SECTION 12: ECOLOGICAL INFORMATION

Eco-Toxicity: Avoid contaminating drains and waterways.

Rainwater System Precautions: Disconnect all downpipes feeding rainwater collection tanks or storm drains prior to cleaning and coating. Leave downpipes disconnected for at least 14 days or until after the first two heavy rainfalls to flush away residual surface surfactants.

Bioaccumulation / Persistence: Low potential. Binders persist; additives biodegrade over time.

SECTION 13: DISPOSAL CONSIDERATIONS

Product Disposal: Do NOT pour leftover paint down drains or sewers. Unwanted liquid paint should be brushed out on newspaper, allowed to dry completely, and disposed of via domestic solid waste collections.

Container Disposal: Empty paint containers should be left open in a well-ventilated area to dry out completely. When dry, recycle containers via appropriate municipal recycling programs.

SECTION 14: TRANSPORT INFORMATION

UN Number:	None (Non-regulated)
Proper Shipping:	Paint (Water-borne, non-flammable)
Hazard Class:	Not classified as Dangerous Goods
Packing Group:	Not applicable
Environmental:	Non-hazardous for transport
Precautions:	Transport in cool, upright containers. Prevent freezing & solar heating.

SECTION 15: REGULATORY INFORMATION

Standards Compliance:

- **Eye Protection Standard:** AS1337 compliant.
- **VOC Regulations:** Complies with EPA Method 24 / EU limits (< 50 g/L).
- **Solids / Drying Standards:** ASTM D2697 (Solids), ISO 2811 (Density), ASTM D562 (Viscosity), ASTM D1640 (Drying).
- **Poisons Schedule (SUSMP):** Not scheduled / Non-hazardous waterborne system.

SECTION 16 & 17: OTHER INFORMATION & WARRANTY

SDS Version: 1.0 | **Issue Date:** July 2026 | **Packaging:** 10L & 15L

Thermal Performance Note: Independent scientific tests in NW Western Australia show surface temperatures under ENVIROCOOL-coated panels dropped from 51.3°C down to 38.4°C at 12:30 pm.

Product Warranty: Deluxe Coatings warrants that this product, when applied in strict accordance with the instructions on the packaging and Technical Data Sheet (TDS), will meet its published performance specifications. Extended up to 10 years for exterior applications and 12 years for interior applications from purchase date. Covers product replacement or refund of purchase price only. Excludes failure resulting from inadequate surface preparation, structural movement, hydrostatic pressure, rising damp, improper thinning, or mechanical damage.

Disclaimer & Notice: Information provided in good faith based on laboratory testing and field experience. Users must determine suitability for intended use. Always perform a test patch in an inconspicuous area. Deluxe Coatings reserves the right to update formulations without prior notice.