Circular Coatings (Recycled Water-Based Paint)

Safety Data Sheet

Document reference: SDS-PB-CC-001
Issue date: November 2026 • **Version:** 5.0
Applicability: Australia — GHS Revision 7 and applicable workplace chemical requirements.

Information basis: Updated composition, classifications and product data supplied and confirmed as verified by Paintback. This update records the supplier's assessment; it is not an independent regulatory certification.

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Circular Coatings (Recycled Water-Based Paint / rWBP)

Other names: Reclaimed Water-Based Paint; Paintback Greyscale Coating; Recycled Acrylic Undercoat/Sealer.

Product code / SKU: PB-CC-WBP

Recommended use: Water-based architectural surface coating, primer, intermediate coat and circular material application for interior/exterior residential, civil and commercial projects.

Company name: Paintback Limited
ABN: 63 611 136 771
Address: PaCE HQ, 59 Woodlands Drive, Braeside, VIC 3195, Australia
Telephone: 1300 390 380
Email: info@paintback.com.au
Website: paintback.com.au

Emergency telephone numbers: Poisons Information Centre (Australia): 13 11 26 (24 hours). Emergency Services (Police, Fire, Ambulance): 000.

2. HAZARDS IDENTIFICATION

2.1 Classification of the chemical

Supplier-verified classification according to Safe Work Australia criteria and GHS Revision 7: Skin Sensitisation Category 1 (H317); Eye Irritation Category 2B (H320). Additional environmental classification: Aquatic Acute Category 3 (H402) and Aquatic Chronic Category 3 (H412).

2.2 GHS label elements

Signal word: WARNING
Hazard pictogram: GHS07 — Exclamation mark (red diamond, white background, black exclamation mark).



2.3 Hazard statements

H317: May cause an allergic skin reaction.
H320: Causes eye irritation.
H402: Harmful to aquatic life.
H412: Harmful to aquatic life with long lasting effects.

2.4 Precautionary statements

General:
P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.
P103: Read carefully and follow all instructions.

Prevention:
P261: Avoid breathing mist, vapours or spray.
P264: Wash hands and contaminated skin thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves, protective clothing and eye/face protection.

Response:
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

Storage — P401: Store in accordance with local regulations. Keep container tightly closed in a cool, well-ventilated place away from frost and direct sunlight.

Disposal — P501: Dispose of contents/container to an approved waste recovery facility or eligible collection scheme, in accordance with state/territory EPA requirements.

3. COMPOSITION INFORMATION

Chemical Identity	CAS Number	Proportion (% w/w)	GHS Hazard Classification
Reclaimed water-based paint matrix — diverted architectural acrylic emulsions, calcium carbonate and inert mineral extenders	Proprietary / mixed feedstock	30–60%	Not classified
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT mixture)	55965-84-9	<0.0015%	Acute Tox. 3 H301/H311; Acute Tox. 2 H330; Skin Corr. 1B H314; Eye Dam. 1 H318; Skin Sens. 1A H317; Aquatic Acute 1 H400; Aquatic Chronic 1 H410
1,2-Benzisothiazol-3(2H)-one (BIT)	2634-33-5	<0.065%	Acute Tox. 4 H302; Skin Irrit. 2 H315; Eye Dam. 1 H318; Skin Sens. 1 H317; Aquatic Acute 1 H400
Other non-hazardous components and coalescents	Proprietary	<5%	Not classified
Water	7732-18-5	Balance to 100%	Not classified

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Keep warm and at rest in a position comfortable for breathing. If coughing, dizziness or irritation persists, consult medical personnel.

Skin contact: Promptly wash with copious water and mild soap. Remove contaminated clothing and footwear. If redness, rash or blistering develops, seek immediate medical advice. Wash contaminated garments before reuse.

Eye contact: Rinse immediately with clean running water for at least 15 minutes, holding eyelids open. Remove contact lenses if present and easy to do. If irritation or pain continues, obtain medical evaluation.

Ingestion: Rinse mouth thoroughly. Do NOT induce vomiting without medical guidance. If conscious, give small sips of water. Never give anything by mouth to an unconscious person. Seek immediate advice from the Poisons Information Centre (13 11 26).

Symptoms caused by exposure: Allergic dermal response including erythema, itching and dermatitis; eye splashes

may cause stinging and watering. High concentrations of aerosols or spray mists may cause temporary nasal and upper respiratory irritation.

Medical attention and special treatment: Treat symptomatically. Trace isothiazolinone biocides may provoke severe allergic reactions in previously sensitised workers.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing equipment: Aqueous mixture; does not support open combustion in its liquid state. In a surrounding fire use water spray/fog, alcohol-resistant foam, dry chemical powder or carbon dioxide (CO_2).

Specific hazards: Non-flammable aqueous coating. Sealed pails may pressurise and rupture under intense radiant heat. Severe thermal decomposition may emit carbon monoxide (CO), carbon dioxide (CO_2), nitrogen oxides (NO_x) and volatile organic degradation fragments.

Firefighter protection: Wear full protective bunker gear and positive-pressure self-contained breathing apparatus (SCBA). The supplier specifies AS/NZS 1716 for respiratory equipment. Contain contaminated firefighting run-off using earthen or absorbent dykes; prevent entry to stormwater channels and waterways.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures: Ensure adequate ventilation. Keep unprotected people upwind. Wear suitable gloves, splash goggles and protective overalls (Section 8). Spilt liquid is a significant slip hazard on smooth concrete and sealed floors.

Environmental precautions: Prevent paint, washings and contaminated run-off from entering storm drains, gutters, waterways or soil. Notify the relevant state EPA and local water utility if significant contamination reaches public drainage infrastructure.

Minor spills: Absorb with inert mineral absorbent, vermiculite, clean sand or rags. Transfer to appropriately labelled, sealable plastic drums for disposal.

Major spills: Bund the perimeter with sand, clay or absorbent booms. Recover free liquid using vacuum pumps or diaphragm skimmers into designated recycling containers. Absorb residual coating with inert solids and shovel into heavy-duty disposal vessels. Wash surfaces with minimal water and capture all rinse water.

7. HANDLING AND STORAGE

Precautions for safe handling:

- Avoid continuous or repeated skin contact and breathing atomised spray mists or concentrated vapours.
- Provide effective cross-ventilation for indoor brush, roller or spray application.
- Do not eat, drink or smoke in working zones. Wash hands with soap and water after handling and before breaks.
- Clean tools at dedicated wash stations with trade-waste capture; never discharge equipment washings to stormwater drains.

Safe storage and incompatibilities: Keep original pails securely sealed and upright in a sheltered, dry, well-ventilated area at 5–35°C. Protect from freezing and direct radiant summer sunlight. Sub-zero exposure may irreversibly damage the latex emulsion. Store away from strong oxidising chemicals and concentrated mineral acids.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 National exposure standards — supplier-verified values

Chemical Name	CAS Number	TWA (8 hours)	STEL (15 mins)
Titanium dioxide	13463-67-7	10 mg/m³ (inhalable dust)	None allocated
Nuisance particulates / mists	—	10 mg/m³ (inhalable fraction; supplier-stated control value)	None allocated

The general particulate/mist entry is a supplier-stated control value, not confirmation that every paint mist has a single statutory exposure limit. Apply constituent-specific limits and task-specific risk assessment where relevant.

8.2 Biological monitoring

No biological exposure determinants allocated by Safe Work Australia

8.3 Engineering controls

Provide adequate natural or mechanical dilution ventilation to keep airborne mist/vapour levels low. For airless spray application, use exhaust ventilation or suitable compliant spray booths; the supplier specifies AS/NZS 4114.

8.4 Personal protective equipment

Eye and face: Chemical splash goggles or side-shield safety glasses; supplier specifies AS/NZS 1337.
Skin and body: Impervious chemical-resistant gloves (nitrile, neoprene or PVC), selected for the task; supplier specifies AS/NZS 2161. Wear long cotton sleeves, protective trousers and closed-toe safety boots.
Respiratory: Generally not required for brush/roller use in well-ventilated rooms. For mechanical spray work or elevated mist levels, the supplier specifies a half-face respirator with combination organic-vapour and Class P2 particulate filters, selected and used under AS/NZS 1715 and AS/NZS 1716.
Hygiene: Wash skin thoroughly after handling. Launder contaminated overalls before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Values below are supplied and confirmed as verified by Paintback.

Property	Value
Appearance	Viscous grey/off-white architectural coating; tintable base
Odour	Mild, characteristic sweet latex/acrylic polymer odour
Odour threshold	Not established
pH	7.5 – 8.5
Melting / freezing point	Approximately 0°C (water phase)
Initial boiling point and range	Approximately 100°C at 101.3 kPa
Flash point	Not applicable — water-based liquid
Flammability (solid, gas)	Not applicable — aqueous liquid
Upper / lower flammability limits	Not applicable
Vapour pressure	Approximately 2.3 kPa at 20°C (water vapour)
Vapour density	>1.0 (air = 1)
Relative density / specific gravity	1.25–1.45 at 20°C
Solubility	Miscible with water while wet; insoluble once cured
Partition coefficient (n-octanol/water)	Not established for the complex polymer blend
Auto-ignition temperature	Not applicable
Decomposition temperature	>150°C
Viscosity	85–110 Krebs Units (KU) at 25°C
Volatile organic compounds (VOC)	<16 g/L;

10. STABILITY AND REACTIVITY

Reactivity: Chemically inert under normal use, storage and transport conditions.
Chemical stability: Stable under recommended handling and ambient storage conditions of 5–35°C.
Possibility of hazardous reactions: No hazardous polymerisation reactions will occur under the stated conditions.
Conditions to avoid: Extreme temperature swings, severe frost/freezing, heat sources and direct sunlight.
Incompatible materials: Strong oxidising agents, strong mineral acids and multivalent ionic salts that may destabilise the emulsion.
Hazardous decomposition products: Stable under ambient conditions. Fire decomposition may yield carbon monoxide, carbon dioxide, trace nitrogen oxides and acrylic monomers.

11. TOXICOLOGICAL INFORMATION

11.1 Acute health effects

Swallowed: Minor amounts may cause stomach discomfort, nausea or loose stools. Supplier-reported mixture acute toxicity estimate (ATE): >5000 mg/kg (oral, rat); calculation/test report not independently reviewed.
Eye: Mild to moderate irritation (supplier classification Category 2B), with stinging, transient conjunctival redness and watering.
Skin: Prolonged exposure may cause mild irritation. Supplier classifies the mixture as Skin Sensitiser Category 1 (H317) due to preservative biocides BIT, MIT and DBNPA. Direct exposure may provoke allergic contact dermatitis in sensitised workers.
Inhaled: Spray mists may irritate the throat and respiratory tract and cause coughing.

11.2 Chronic and specific target effects

Germ cell mutagenicity: Not classified as mutagenic, according to the supplier assessment.
Carcinogenicity: Mixture not classified as a carcinogen, according to the supplier assessment. Supplier notes IARC Group 2B for titanium dioxide via inhalation of airborne, unbound respirable dust. Dispersion/binding in the coating does not remove the need to assess spray aerosols or dust from sanding and grinding.
Reproductive toxicity: Supplier reports no constituents classified as reproductive toxicants.
Specific target organ toxicity, single exposure: Not classified.
Specific target organ toxicity, repeated exposure: Not classified.
Aspiration hazard: Not classified.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Supplier classification: Aquatic Acute Category 3 (H402) and Aquatic Chronic Category 3 (H412). Preservative biocides DBNPA, BIT and MIT can cause ecological stress if liquid paint is released into aquatic habitats.

Bioaccumulative potential: Supplier reports low potential, with partition coefficients (log K_{ow}) below 3.0 for primary organic additives.

Mobility in soil: Wet paint is water-miscible and may move through moist soils before curing. Dry paint forms an insoluble resin matrix; no unconditional non-leaching claim is made.

Other adverse effects: Prevent liquid coating and brush washings from entering stormwater catchment systems.

13. DISPOSAL CONSIDERATIONS

General environmental duty: Take reasonably practicable measures to minimise environmental harm, consistent with applicable state/territory requirements.

Liquid paint stewardship: Retain unwanted liquid paint in closed containers and direct it to an approved product-stewardship or recovery facility. Check Paintback collection eligibility and acceptance requirements before delivery.

Wash water: Do not pour washings down drains or onto the ground. Filter/treat using dedicated coagulation or settling systems, or discharge only under an approved trade-waste agreement.

Packaging: Drain and dry empty containers and present eligible containers for recycling, including polypropylene and steel recovery. Follow the receiving facility's requirements.

14. TRANSPORT INFORMATION

Transport classification — supplier-verified assessment:
Road and rail (ADG, Australia): Not regulated as dangerous goods.
Maritime (IMDG): Not classified as dangerous goods.
Air (IATA / ICAO): Not classified as dangerous goods.

UN number: None allocated.
Proper shipping name: None allocated.
Dangerous goods class and subsidiary risk: None allocated.
Packing group: None allocated.
Hazchem code: None allocated.
Environmental hazards for transport: Not classified as a marine pollutant according to the supplier's IMDG assessment.

Special precautions: Transport upright in tightly closed containers. Secure loads against shifting or puncture. Protect from freezing.

15. REGULATORY INFORMATION

SUSMP / Poisons Standard: Not scheduled, as confirmed by the supplier.

Australian Inventory of Industrial Chemicals (AIIC) / AICIS: Supplier confirms that all components are listed on AIIC or comply with applicable introduction requirements.

Workplace chemical framework: Intended for Australian use under GHS Revision 7 and applicable state/territory workplace chemical requirements. The supplier states preparation in accordance with Safe Work Australia SDS and workplace-labelling codes. Recording that statement does not constitute independent certification of compliance.

Environmental regulation: Supplier reports manufacture and recovery under applicable Australian state environmental frameworks, including EPA Victoria licensing frameworks and the General Environmental Duty.

16. OTHER INFORMATION

Document reference: SDS-PB-CC-001
Issue date: November 2026
Version: 5.0
16.1 Australian product label specification — outer packaging / pail

Product identifier: Circular Coatings (Recycled Water-Based Paint)
Supplier: Paintback Limited, 59 Woodlands Drive, Braeside, VIC 3195 | Ph: 1300 390 380
Signal word: WARNING
Pictogram: GHS07 — Exclamation mark.
Hazard statements: H317 — May cause an allergic skin reaction. H320 — Causes eye irritation. H412 — Harmful to aquatic life with long lasting effects. Additional environmental statement recorded in Section 2: H402 — Harmful to aquatic life.

Selected precautionary statements for the supplier's pail specification:
P261 — Avoid breathing mist, vapours or spray.
P273 — Avoid release to the environment.
P280 — Wear protective gloves, protective clothing and eye/face protection.
P302+P352 — IF ON SKIN: Wash with plenty of soap and water.
P333+P313 — If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 — Dispose of contents/container to an approved recovery facility or eligible collection scheme in accordance with applicable requirements.

Product stewardship direction: Return surplus liquid paint to an approved Paintback collection location where eligible. Do not pour into stormwater or sewer drains. See Section 2 for the complete precautionary-statement set.