SAFETY DATA SHEET

Prepared in accordance with GHS 7 and the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code) and Hazardous Chemical – Classified according to Work Health and Safety Regulations (Australia)

Product Name: Two-Part Sil-iCon/PurrProp BASE COAT System

Part A – Sil-iCon/PurrProp BASE COAT Part A Epoxy Resin Component (Flammable)

Part B – Sil-iCon/PurrProp BASE COAT Part B Amine Hardener Component (Corrosive)

Issue Date: 1st March 2026

Revision Number: 1.2

SECTION 1: IDENTIFICATION

Product Identifier: Two-Part Sil-iCon/PurrProp BASE COAT System

Recommended Use: Marine protective coating, chemical-resistant lining and structural bonding

Supplier: Composite Packaging Pty Ltd t/as AA Gilberts

Address: Unit 1, 32 Aquarium Ave. Hemmant Q4174 Australia

Telephone: +61444568646

Emergency Telephone: Poisons Information Centre (Australia) 13 11 26

SECTION 2: HAZARD IDENTIFICATION

Part A – BASE COAT Resin Component

GHS Classification:

• Flammable Liquid Category 3

• Skin Irritation Category 2

• Eye Irritation Category 2A

• STOT SE Category 3

• Aspiration Hazard Category 1

Signal Word: DANGER

Part B – BASE COAT Hardener Component

GHS Classification:

• Acute Toxicity (Oral) Category 4

• Skin Corrosion Category 1

• Serious Eye Damage Category 1

• Skin Sensitisation Category 1

• Aquatic Chronic Category 2

Signal Word: DANGER

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Concentration (%)
Epoxy Resin	Proprietary	≈48
Toluene	108-88-3	20
Xylene (mixed isomers)	1330-20-7	10
Titanium Dioxide	13463-67-7	20
Proprietary Additives	Trade Secret	<2

Hardener: Amine curing agent blend (Proprietary) 60–100% with additives <10%.

SECTION 4: FIRST AID MEASURES

Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing. Wash thoroughly with soap and water.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Seek urgent medical attention.

Ingestion: Do NOT induce vomiting. Seek immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Alcohol-resistant foam, dry chemical, CO2.

Specific Hazards: Flammable vapours may form explosive mixtures with air.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, nitrogen oxides.

Special Protective Equipment: Self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Eliminate all ignition sources. Ensure adequate ventilation.

Contain with inert absorbent material.

Prevent entry into drains, sewers and waterways.

SECTION 7: HANDLING AND STORAGE

Store in cool, dry, well-ventilated area.

Keep away from heat, sparks, open flames and oxidising agents.

Store Part B away from acids and oxidisers.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards (Australia):

Toluene TWA: 50 ppm

Xylene TWA: 80 ppm

Titanium Dioxide TWA: 10 mg/m^3

Engineering Controls: Local exhaust ventilation recommended.

Personal Protective Equipment:

- AS/NZS 1716 compliant respirator (organic vapour cartridge)
- Nitrile gloves
- Chemical safety goggles
- Protective clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Part A: Pigmented liquid, aromatic odour, Flash Point approx. 25–30°C.

Part B: Amber liquid, amine odour, Flash Point >100°C.

SECTION 10: STABILITY AND REACTIVITY

Stable under normal conditions.

Reacts exothermically when mixed.

Avoid heat, sparks, and incompatible materials.

SECTION 11: TOXICOLOGICAL INFORMATION

Solvent vapours may cause dizziness and central nervous system depression.

Hardener can cause severe burns and allergic skin reactions.

SECTION 12: ECOLOGICAL INFORMATION

Toxic to aquatic organisms. Avoid environmental release.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and container in accordance with local regulations.

Cured epoxy may be disposed as solid industrial waste.

SECTION 14: TRANSPORT INFORMATION (ADG Code)

Part A – Resin Component

UN Number: UN 1263

Proper Shipping Name: PAINT

Dangerous Goods Class: 3

Packing Group: III

Hazchem Code: 3[Y]E (to be confirmed by testing)

Part B – Hardener Component

UN Number: UN 2735

Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.

Dangerous Goods Class: 8

Packing Group: II or III (confirm by test data)

SECTION 15: REGULATORY INFORMATION

Classified as Hazardous according to Australian WHS Regulations.

All components must be listed on AICIS inventory before supply.

SECTION 16: OTHER INFORMATION

This document has been prepared to be a regulatory-compliant document.

Final classification must be confirmed by laboratory testing and regulatory review before commercial supply.