



SHIELDCOAT PTY LTD
Unit 2/1075 Beaudesert Rd, Archerfield Q 4108
Phone: (07) 3274 6911 Fax: (07) 3274 6414
Email: info@shieldcoat.com.au Web: www.shieldcoat.com.au

Material Safety Data Sheet: RUSTSHIELD T & AL
Anti-corrosive metal primer.

NOTE: For applications where roof to be painted is used for collecting drinking water, ensure at least seven (7) days or the first rain before reconnecting downpipes.

 **PRODUCT INFORMATION:**

Product Name:	Rustshield T & AL – Acrylic Solution
UN Number:	1866
Dangerous Goods Class:	3
Subsidiary Risk:	-
Hazchem Code:	3(Y)
Packaging Group:	III
EPG No:	3A1
Poisons Schedule:	5
Uses:	Metal sealing.
<input checked="" type="checkbox"/> Physical Description/Properties:	
Appearance:	Clear colourless or aluminium viscous liquid with hydrocarbon odour
Boiling Point (°C):	155-175
Vapour Pressure (mm of Hg @ 25°C):	13 (Liquid hydrocarbons)
Percent Volatiles:	50%
Specific Gravity (@ 25°C):	0.92
Solubility in water (g/l @ 25°C):	Immiscible
Flammability & Explosive properties:	-
Flash point, closed sup (°C):	31
Flammability Limits % by volume:	0.9 - 7.0 Approx.
Fire extinguishing media:	Foam, dry chemical, carbon dioxide
<input checked="" type="checkbox"/> Ingredients - Rust Shield T	Proportion % m/m
Mineral turpentine	50
Acrylate/methacrylate copolymer	40
Isotrol	10
<input checked="" type="checkbox"/> Ingredients - Rust Shield AL (Aluminium)	
Mineral turpentine	40
Acrylate/methacrylate copolymer	40
Isotrol	10
Aluminium Paste	10

Shieldcoat is firmly committed to providing product and service of the highest quality and consistency.

Last modified on: 31/12/02

DISCLAIMER

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.



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 **HEALTH HAZARD INFORMATION:**

- HEALTH EFFECTS:** Acute
- Swallowed:** Low order of toxicity. However, small amounts of liquid or foam aspirated into the respiratory system during ingestion or vomiting may cause mild to severe lung injury, possibly death.
- Eye:** Liquid and vapour are moderately irritating to eyes.
- Skin:** Moderately irritating to skin. Can dry it out and may cause dermatitis.
- Inhaled:** Irritation of respiratory tract. Anesthetic. Depression of the central nervous system with the following progressive steps: headache, nausea, dizziness, stagger gait, confusion, and unconsciousness.
- HEALTH EFFECTS:** Chronic
May cause respiratory irritation, liver or kidney damage. May cause irritant dermatitis on prolonged or repeated skin contact. Permanent central nervous system and blood changes can occur due to high solvent exposure over time. Respiratory allergies and diseases of the skin, nose, throat, lungs, liver, kidney and blood may be aggravated by exposure to the product and its vapours.

 **FIRST AID:**

- Swallowed:** Do Not Induce Vomiting. Immediately give plenty of water or milk and seek medical attention.
- Eye:** Immediately hold eyes open and flush with water continuously for at least fifteen minutes. Seek medical attention.

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 **FIRST AID:** (Cont.)

- Skin:** Remove all contaminated clothing and wash affected area with plenty of soap and water.
- Inhaled:** Remove from further exposure and apply artificial respiration if not breathing. Seek medical attention.
- Advice to Doctor:** Treat symptomatically.

 **PRECAUTIONS FOR USE:**

- Exposure Standards:** The National Occupational Health & Safety Commission Exposure Standard for mineral turpentine is: 8-hour Time Weighted Average (TWA), 480mg/m³ (under review).
- Engineering Controls:** Use in a well ventilated area. A suitable respiratory device should be worn if vapour generation cannot be controlled well below the Exposure Standard using positive ventilation. Local exhaust ventilation, is recommended, preferably a paint spray booth, for spraying operations. Vapour is heavier than air and can collect in hollows and confined spaces.
- Personal Protection:** Contact should be avoided. Protective clothing, PVC or rubber gloves and close fitting goggles or face shield should be worn. Respirator suitable for use with organic vapours.
- Flammability:** The product is flammable and may be ignited at temperatures above its flash point by sources of ignition such as flames, sparks, etc. Handle in a flameproof areas using flameproof equipment. Earth all containers to avoid sparks from static electricity. Do not cut, weld, drill or expose empty drums to ignition sources as the residual vapour in them can explode.

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 **SAFE HANDLING INFORMATION:**

Storage & Transport:

The product is classified as a Dangerous Good of Class 3 (FLAMMABLE LIQUID), Packaging Group III. Store in a cool, dry, bundled area away from alkalis, acids, poisons, foodstuffs and empty foodstuff receptacles and oxidising agents (such as chlorates, nitrates). Storage should be as for a flammable liquid (refer Australian Standard AS1940 and appropriate Dangerous Goods Regulations). Remove drum bungs slowly to release any internal pressure. Transport should be in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Spills & Disposal:

Eliminate sources of ignition. Wear protective clothing, goggles and protective PVC or rubber gloves. Wear an air supplied respiratory device if spillage is in a confined space. Contain spilt material with sand or earth and prevent run-off into drains and waterways. Isolate any leaking containers and transfer contents to alternative suitable containers * for recovery. Where practical, transfer spilt material to suitable containers* for disposal at a licensed site. Transfer contaminated sand or earth to suitable containers * for disposal at an approved site. Clearly label all containers. The acrylic resin will set to a hard to stick clear coating that will adhere securely to most surfaces. It may be scraped off after softening with solvent.

* Suitable containers include polyethylene, polyethylene lined with mild steel, stainless steel or mild steel.

Fire/Explosion Hazard:

Product is flammable. Will emit noxious fumes containing carbon monoxide on burning. Wear self contained breathing apparatus. If contents are on fire, use foam, dry chemical or carbon dioxide extinguisher. DO NOT USE WATER JET. Keep containers cool by spraying with water to prevent pressure build-up and drums bursting.

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 **OTHER INFORMATION:**

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions which are available upon request.

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