



SOLACOAT

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SAFETY DATA SHEET For: SOLACOAT HEAT REFLECTIVE ALL-IN-ONE WALL RENDER 2020

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Product Name:

Solacoat All in One Wall Render

CAS No:

Not Applicable

1.2 Relevant identified uses of the substance or mixture and uses advised against

Spraying, brushing, rolling grade of architectural water based exterior wall render membrane coating with high solar reflectivity.

1.3 Details of the supplier of the Safety Data Sheet

Company Identification:

Coolshield International Pty Ltd

ABN:12 102 333577

Telephone:

+61 (3) 5255 2063

Fax:

+61 (3) 5256 3029

Email:

info@solacoat.com.au

1.4 Emergency telephone number

Emergency Phone No.

A/H: mob.: 0417 341 114

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to Regulation (EC) N. 1272/2008 (CLP)

Non-hazardous

2.2.1 Label elements

Not Applicable

Signal word(s):

Not Applicable

Hazard statement(s):

Not Applicable

Precautionary statement(s):

P102:

Keep out of reach of children.

P301 + P310

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician

P304 + P340

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

2.2.2 Label elements

According to Directive 67/548/EEC & Directive 1999/45/EC

Hazard pictogram(s):

Not Applicable

Hazard Symbol:

Not Applicable

Risk Phrases:

R36/37/38: Irritating to eyes, respiratory system and skin.

R65: Harmful: May cause lung damage if swallowed.

Safety Phrases

S2

Keep out of the reach of children.

S3/7/9

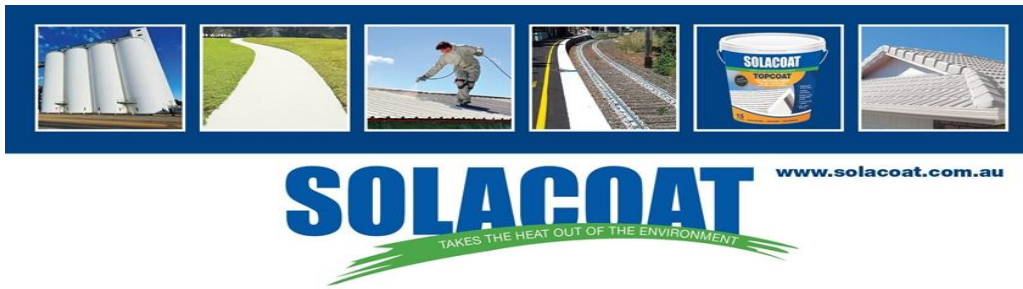
Keep container tightly closed in a cool, well ventilated place.

S24/25

Avoid contact with skin and eyes.

2.3 Other hazards

Not applicable.



3.3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
EC Classification No. 1272/2008

Hazardous ingredient(s)	% w/w	CAS No.	EC No.	Hazard symbol(s) and hazard statement(s)
Nil hazardous ingredients				
Acrylic co-polymer emulsion	30 --- ≤ 60	Not regulated		Not Applicable
Titanium dioxide	0 --- ≤ 30	13463-••67-••7		
Pigments – non-hazardous	0 --- ≤ 30	Various		
Filler pigments, non-regulated	30 --- ≤ 60	Various		
Propylene glycol				
Preservative(s) – non formaldehyde type	1 - ≤10	57•55•6		
Additives	Various	Various		
Water	To 100%	7732-18-5		

EC Classification No. 67/548/EC

Hazardous ingredient(s)	% w/w	CAS No.	EC No.	Risk Phrases and Safety Phrases
Nil hazardous ingredients				
Acrylic co-polymer emulsion	30 --- ≤ 60	Not regulated		Not Applicable
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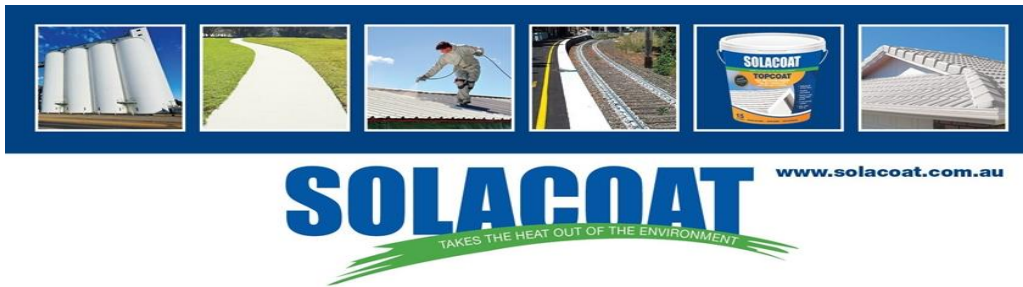


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<p>5. FIRE FIGHTING MEASURES</p> <p>5.1 Extinguishing media Suitable Extinguishing Media:</p> <p>Unsuitable Extinguishing Media:</p> <p>5.2 Special hazards arising from the substance or mixture</p> <p>5.3 Advice for fire-fighters</p>	<p>This product is not flammable unless strongly heated in an existing fire. Use extinguishing media for surrounding burning material.</p> <p>Determined by surrounding burning material.</p> <p>None known. May give off carbon monoxide and carbon dioxide when strongly heated in a fire.</p> <p>A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep fire exposed containers cool by spraying with water. Prevent extinguishing media from escaping to drains and waterways. Hazchem Code: None.</p>
<p>6. ACCIDENTAL RELEASE MEASURES</p> <p>6.1 Personal precautions, protective equipment and emergency procedures</p> <p>6.2 Environmental precautions</p> <p>6.3 Methods and material for containment and cleaning up</p> <p>6.4 Reference to other sections Other advice</p>	<p>Avoid inhalation of vapours. Avoid contact with skin and eyes. Wear suitable protective clothing and gloves. (See Section: 8) Contaminated clothing should be thoroughly cleaned.</p> <p>Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the Environmental Agency or other appropriate regulatory body.</p> <p>Absorb spillages onto sand, earth or any suitable absorbent material. Sweep up and transfer to a container for disposal. Wash spill area with soapy water. Contaminated absorbent must be removed in sealed, plastic lined drums and disposed of via an authorized waste disposal contractor.</p> <p>Personal Protection: See Section: 8 Caution – spillages may be slippery.</p>
<p>7. HANDLING AND STORAGE</p> <p>7.1 Precautions for safe handling</p> <p>7.2 Conditions for safe storage, including any incompatibilities</p> <p>7.3 Specific end use(s)</p>	<p>This product is non-flammable. Keep container closed. Handle containers with care. Open slowly to control possible pressure release. Avoid contact with skin and eyes. Wear suitable protective clothing and gloves. (See Section: 8) Do not eat, drink or smoke at the work place. Wash hands and exposed skin after use. Contaminated clothing should be thoroughly cleaned.</p> <p>Keep away from direct sunlight. Keep away from frost. Keep only in the original container in a cool, well-ventilated place. Keep/store away from: Acids and Oxidizing agents.</p> <p>Industrial use only.</p>



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

National Exposure Standards

The time weighted average concentration (TWA) for this product is: None specified -•• which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None specified, which is the maximum allowable exposure concentration at any time.

8.2 Exposure Controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the occupational limit is not exceeded.

8.2.2 Personal protection

Eye/ face protection
Skin protection
Respiratory protection
Other

Goggles giving complete protection to the eyes. (EN 166)
Protective gloves.
In case of insufficient ventilation, wear suitable respiratory equipment.
Apron or other light protective clothing, boots and plastic or rubber gloves.

8.2.3 Environmental Exposure Controls

Avoid release to the environment

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Coloured liquid
Odour	Mild slightly ammoniacal
Melting Point (°C)/ Freezing Point (°C)	0°C (Water)
Boiling Point (°C)	100°C (Water)
Flash point (°C)	Non-flammable
Flammable Limits (Lower) (°C)	Non-flammable
Flammable Limits (Upper) (°C)	Non-flammable
Vapour Density @ 20°C (kPa)	Not available
Density @ 25°C	1.50 – 1.70
Solubility in water (% w/w)	Miscible
Auto-ignition Temperature (°C)	Not applicable
Viscosity @ 25°C (Seconds)	Not applicable
Explosive Properties	Not applicable
Oxidising Properties	Not oxidising

9.2 Other information

Percent volatiles (% v/v)	40 – 60
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10. STABILITY AND REACTIVITY

10.1 Reactivity

Reacts with oxidizing agents, mineral acids, halogenated organic compounds.

10.2 Chemical stability

Stable under normal conditions of use.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Keep away from heat and direct sunlight.

10.5 Incompatible materials

Oxidizing agents, mineral acids, halogenated organic compounds

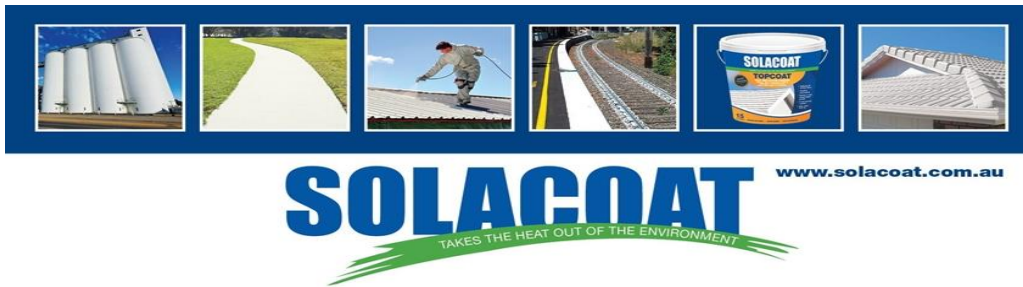
10.6 Hazardous Decomposition

May give off toxic fumes in a fire when strongly heated.

Product(s)

Carbon monoxide and carbon dioxide.

No hazardous decomposition products when stored and handled correctly except on burning. See FIRE FIGHTING MEASURES; Section: 5



11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

Ingestion:

No information available.

May cause irritation to the throat, mouth and digestive tract. Large doses may cause drowsiness and may lead to unconsciousness.

Aspiration of liquid into lungs may cause serious (even fatal) pneumonitis.

Inhalation:

No information available.

Vapour is irritating to mucous membranes and respiratory tract. Can cause dizziness, headaches, nausea and may lead to unconsciousness. Prolonged exposure to vapour may cause damage to the central nervous system.

Skin Contact:

No information available.

Irritant, both by contact and vapour. Prolonged exposure may result in dryness and cracking.

Eye Contact:

No information available.

Irritant, both by contact and vapour.

Other information:

Chronic:

Principal routes of exposure are usually by skin contact with the material and inhalation of vapour/spray mist. Prolonged or repeated skin contact may cause drying and/or cracking with irritation and possible dermatitis following. As with any chemical product, contact with unprotected bare skin; inhalation of vapours, mist or dust in a work place environment; or ingestion in any form should be avoided by observing good occupational work practices.

Advice to Doctor:

Treat symptomatically.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Fish Toxicity (rainbow trout, goldfish, and bluegill) LC₅₀ (96hr):

Based on data for similar components or preparations, this product is expected to be toxic to aquatic organisms.

12.2 Persistence and degradability

Daphnia Magna EC₅₀ (48 hr): Long term adverse effects to aquatic organisms are possible if continuous exposure is maintained.

Remark: On the basis of the data for ecotoxicological effects, the substance can be classified as non-critical to aquatic organisms in the water-soluble range. As the substance is not readily biodegradable, long retention times in water are to be expected. This applies only in cases where no other elimination mechanisms (photodegradation, hydrolysis, adsorption) are active. However, as there is no ecotoxic effect, no damage to the ecosystem is to be expected. Do not allow to escape into waterways, waste water or soil.

12.3 Bio accumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and VPV

No information available.

12.6 Other adverse effects

No information available.



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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not empty into drains; dispose of this material and its container in a safe way.

The relevant local, regional and national regulations must be complied with. It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the national authority. It is recommended that details be worked out with the waste disposal company responsible.

The waste can be disposed of in a suitable incinerator or approved landfill site, provided that national/ local legislation is complied with.

After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). Once the product residues adhering to the walls of the containers have been rendered harmless, the product and hazard labels must be invalidated. Containers must be recycled in compliance with national and environmental regulations.

14. TRANSPORT INFORMATION

14.1 UN Number	None assigned
14.2 Proper Shipping Name	PAINT
14.3 Transport hazard class(es)	None
14.4 Packing Group	None
14.5 Environmental hazards	None known
14.6 Special precautions for user	None known
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	None known

Other information:

Keep dry. Keep separated from food stuffs



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15. REGULATORY INFORMATION

According to Regulation (EC) No. 1272/2008 (CLP)

Hazard pictogram(s):	None
Signal word(s)	Warning
Hazard statement(s)	Not Applicable
Precautionary statement(s)	P102: Keep out of reach of children. P301 + P310: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

According to Directive 67/548/EEC & Directive 1999/45/EC

Hazard pictogram(s):	None
Hazard Symbol:	None
Risk Phrases:	R22: Harmful if swallowed. R36/37/38: Irritating to eyes, respiratory system and skin. R65: Harmful: May cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness and cracking. R67: Vapours may cause drowsiness and dizziness.
Safety Phrases:	S2: Keep out the reach of children. S3/7/9: Keep container tightly closed in a cool, well ventilated place. S24/25: Avoid contact with skin and eyes. S51: Use only in well ventilated areas. S62: If swallowed, and more than 15 minutes from hospital or a medical centre induce vomiting: seek medical advice immediately and show this container or label.

Not a scheduled poison under SUSDP.

Labelling as required by Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3), in accordance with Australian requirements.

Symbol: Xi,

Hazard description: Irritant

16. OTHER INFORMATION

All components of this product are listed in the European Inventory of Existing Commercial Substances (EINECS) under the provisions laid down in the corresponding EC-••Directive. The components are also listed in the Australian Inventory of Chemical Substances (NICNAS).

This Safety Data Sheet replaces all previous information.

Revised and valid from: 15 September 2020



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The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.

End of Report.

**Date Issued:
15 Sept 2020**