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TAKES THE HEAT OUT OF THE ENVIRONMENT

2020 SAFETY DATA SHEET FOR: SOLACOAT PASTEL & DARK COLOURED TOPCOATS:

NON-HAZARDOUS ACCORDING TO NOHSC CRITERIA

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

1.1	**Product Identifier:** Product Name:	**SOLACOAT PASTEL & DARK TOPCOAT**
	Product Code:	**171504, 171516, 171520 (Export only)**
	CAS No:	Not Applicable

1.2 Relevant identified uses:
Brushing, rolling, spraying grade of architectural water-based interior/ exterior coating for metals.

1.3 Details of the supplier of the Safety Data Sheet

Company Identification:	Coolshield International Pty Ltd ABN: 12 102 333 577
Address:	P.O. Box 882, Ocean Grove, Victoria, Australia3226
Telephone:	**+61 (3) 5255 2063**
Fax:	**+61 (3) 5256 3029**
Email:	info@solacoat.com.au wendy@coolshield.com.au

1.4 Emergency telephone number

Emergency Phone No.	A/H: mobile: +61 417 341114

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

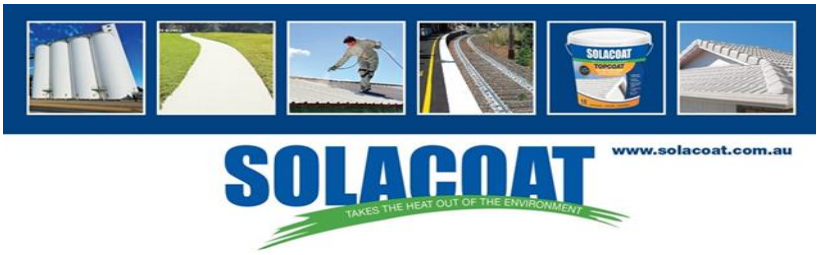
Hazard Symbol: Not Applicable

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 ONINGREDIENTS

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		
Propylene glycol	1 -•• ≤10	57-••55-••6		
Preservative(s) – non formaldehyde type	1 -•• ≤10			
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
Titanium dioxide	0 -•• ≤30	13463•67•7		
Pigments – non-••hazardous	0 -••≤30	Various		
Propylene glycol	1 -••≤10	57-••55-••6		
Preservative(s) – non formaldehyde type	1 -•• ≤10			
Additives	Various	Various		
Water	To 100%	7732-••18-••5		

4. FIRST AID MEASURES
For advice, contact Poisons Information Centre (Phone Australia: 1311 26) or a doctor.

4.1 Description of first aid measures

Inhalation: Remove patient from exposure, keep warm and at rest.

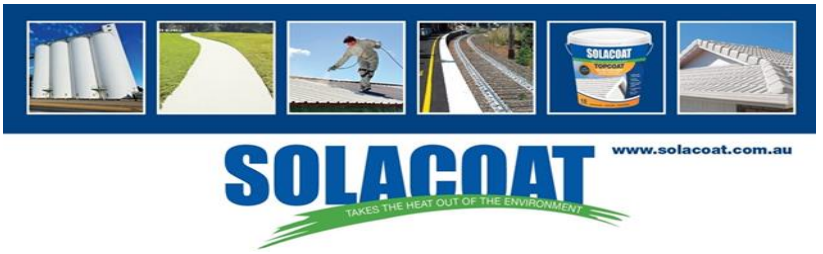
Skin Contact: Wash affected with soap and water or suitable skin cleansing cream. Remove contaminated clothing, including shoes, and launder before reuse. Seek immediate medical attention.

Eye Contact: Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention.

Ingestion: If swallowed, and if more than 15 minutes from a hospital or medical centre induce vomiting preferably using Ipecac Syrup APF. Keep at rest. Seek immediate medical attention. DO NOT INDUCE VOMITING INAN UNCONCONSCIOUS PERSON.

4.2 Most important symptoms and effects, both acute and delayed Irritating to skin.

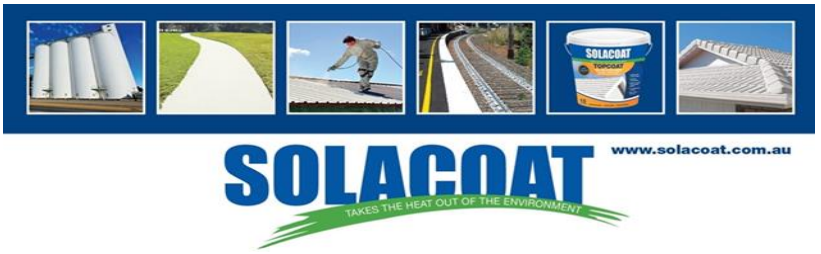
4.3 Indication of the immediate medical Attention and special treatment needed Provide eye baths and safety showers.
First Aid facilities: Treat according to symptoms.



5.	**FIRE FIGHTING MEASURES**	
5.1	**Extinguishing media**	
	Suitable Extinguishing Media:	This product is not flammable unless strongly heated in an existing fire. Use extinguishing media for surrounding burning material.
	Unsuitable Extinguishing Media:	Determined by surrounding burning material.
5.2	**Special hazards arising from the substance or mixture**	None known. May give off carbon monoxide and carbon dioxide when strongly heated in afire.
5.3	**Advice for fire-fighters**	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.

6.	**ACCIDENTAL RELEASEMEASURES**	
6.1	**Personal precautions, protective equipment and emergency procedures**	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.
6.2	**Environmental precautions**	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.
6.3	**Methods and material for containment and cleaning up**	Adsorb 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.
6.4	**Reference to other sections** **Other advice**	Personal Protection: See Section: 8 Caution – spillages may be slippery.

7.	**HANDLING AND STORAGE**	
7.1	**Precautions for safe handling**	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.
7.2	**Conditions for safe storage, including any Incompatibilities**	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.
7.3	**Specific end use(s)**	Industrial use only.



8. EXPOSURE CONTROLS/PERSONALPROTECTION

8.1 Control parameters

National Exposure Standards

The timeweighted 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	Goggles giving complete protection to the eyes. (EN 166)
Skin protection	Protective gloves.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Other	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 CHEMICALPROPERTIES

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	1.20 – 1.50
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

10. STABILITY ANDREACTIVITY

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 to maintain stability
10.5	**Incompatible materials**	Oxidizing agents, mineral acids, halogenated organic compounds
10.6	**Hazardous Decomposition Product(s)**	May give off toxic fumes in a fire when strongly heated. 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 symptomically.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	Fish Toxicity (rainbow trout, goldfish, and bluegill) LC_{50} (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 EC_{50} (48 hr): Long term adverse effects to aquatic organisms are possible if continuous exposure is maintained. **Remark**: On the basis of the data for eco-toxicological 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 (photo degradation, 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 VPVB assessment	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 Non-Hazardous Goods according to ADG Code (7th Edition)

14.1	**UN Number**	N/A
14.2	**Proper Shipping Name**	N/A
14.3	**Transport hazard class(es)**	None
14.4	**Packing Group**	None
14.5	**Environmental hazards**	N/A
14.6	**Special precautions for user**	None known
14.7	**ICAO-TI/IATA-DGR**	N/A

Other information: Keep dry. Keep separated from foodstuffs.





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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: 14 April 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:
14 April 2020