

Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Hot Weather Additive
Other Names	Product code 818.
Recommended Use	Additive for waterborne paints.
Company Name	Resene Paints (Australia) Limited T/A Altex Coatings.
Address	7 Production Avenue Molendinar, Queensland 4214.
Emergency Tel	Available Monday – Friday, 8:00 a.m. – 5:00 p.m.
Free Call	1800 738 383
Phone	07 3287 0222
Fax	07 3287 0226

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification	NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the criteria of Safe Work Australia and ADG code.
Poison Schedule	Not Scheduled

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion % (v/v)
	Water	7732-18-5	30 – 60
	Propylene glycol	57-55-6	30 - 60

SECTION 4. FIRST AID MEASURES

Swallowed	Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.
Eye	Rinse with plenty of water. If eye irritation persists, consult a specialist.
Skin	Wash affected area with soap and water. If skin irritation persists, consult a physician.
Inhaled	Move to fresh air.
Aggravated medical conditions caused by exposure.	Can be irritating to skin with repeated or prolonged contact. Vapour may be harmful if inhaled.
Chronic Health Effects	None anticipated with this product.

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher	Select extinguishing media suitable for surrounding area.
Hazards from combustion products	Oxides of Carbon and Nitrogen.
Special protective precautions and equipment for fire fighters	Material can splatter above 100°C. Polymer film can burn. Do not allow contaminants and water from fire fighting to enter drains or water course.
Hazchem code	Not Specified

SECTION 6. ACCIDENTAL RELEASE MEASURES

Emergency procedures	In confined areas wear protective equipment. Keep spectators away and avoid breathing dust or vapours. Floor may be slippery, use care to avoid falling.
Methods and materials for containment and clean up.	<p>Minor spills Contain and absorb small quantities with vermiculate or other absorbent material. Wipe up. Collect residues in a waste container.</p> <p>Major spills Prevent, by any means available, spillage from entering drains or water course. Contain spill with sand, earth or vermiculite. Transfer liquid to containers for recovery or disposal.</p>

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling	Avoid damaging containers. Keep lids on containers when not in use. People handling this product should wash their hands and face before eating and/or smoking. Handle containers carefully to prevent damage and/or spillage.
Conditions for safe storage including any incompatibilities	Storage temperatures: Max: 40°C, Min: 1°C. Avoid excessive changes in temperature. Avoid storing with strong oxidisers, acids and alkalis

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards for mixture From the Safe Work Australia; Hazardous Substance Information System; Search Exposure Standards. Refer <http://hsis.safeworkaustralia.gov.au/ExposureStandards>

Component	Breathing Zone ppm	Breathing Zone mg/m ³
Propylene glycol (vapour & particulates)	150	474

Personal Protection
Eyes Safety glasses with side shields; or as required, goggles.

Hands	Neoprene gloves.
Protective clothing	Standard issue work wear.
Respirator	In a well ventilated area and spray booths that maintain vapour levels below the recommended standards, no respiratory equipment is required. In confined spaces or areas with limited ventilation, where respiratory risks cannot be avoided, wear a suitable respirator. AS/NZS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, low viscosity liquid
Odour	Low odour
pH	Not established
Vapour pressure	Not established
Vapour density	> 1
Boiling point	100°C
Melting Point	Not established
Solubility	Soluble in water
Density	1.02 Kg/L
Percent Volatile	100%

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	Product is considered stable under normal storage and handling conditions.
Conditions to avoid	Presence of incompatible materials.
Incompatible materials	Strong oxidisers, acids and alkalis.
Hazardous decomposition products	Oxides of carbon and nitrogen, and smoke.
Hazardous reactions	Hazardous polymerisation will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

No data available for this product. Refer to individual constituents.

Propylene glycol

Oral LD₅₀ (rat): 20 g/Kg.

Dermal (rabbit) LD₅₀: 20.8 g/Kg.

May cause slight irritation to eyes, skin and respiratory tract. May be harmful if inhaled.

SECTION 12. ECOLOGICAL INFORMATION

No data available for this product.

This product should not be allowed to enter drains or water courses.

Ecotoxicity:	Low potential to cause toxic effects on the environment.
Bioaccumulation:	Low potential for bioaccumulation.
Mobility:	Can be diluted in water.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods and containers	Consult State Land Waste Management Authority for disposal.
Special precautions for landfill or incineration	Incinerate residue at an approved site. Recycle containers if possible, or dispose of in an approved landfill.

SECTION 14. TRANSPORT INFORMATION

UN Number	Not regulated
UN Proper shipping name	-
Class	-
Subsidiary risk	-
Packing Group	-
Marine Pollutant	No
Hazchem Code	Not specified.

SECTION 15. REGULATORY INFORMATION

Propylene glycol is listed in the AICS Database.

SECTION 16. OTHER INFORMATION

Date of Preparation: 7th October 2014.

Supersedes: 9th April 2013.

Literature references.

Preparation of Safety Data Sheets for Hazardous Chemicals. Safe Work Australia. 2011 *Code of Practice*.

Australian Dangerous Goods Code – 7th Edition.

MSDS's for individual raw materials.

Safe Work Australia; Hazardous Substance Information System; Search Exposure Standards.

<http://hsis.safeworkaustralia.gov.au/ExposureStandards>

Standard for the Uniform Scheduling of Medicines and Poisons. No. 2

AICS Search page – NOHSC <http://www.nicnas.gov.au/industry/aics/search.asp>

Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Third Revised Edition. United Nations. New York and Geneva, 2009.

Abbreviations:

NOHSC	National Occupational Health and Safety Commission
ADG	Australian Code for the Transport of Dangerous Goods by Road & Rail
TWA	Time weighted average

SDS: Hot Weather Additive
STEL Short term exposure limit

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CAS Number Chemical Abstract Service registry number

Safety data sheets are updated frequently. Please ensure that you have a current copy.

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END OF SDS