


# Safety Data Sheet

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	<b>Qristal ClearFloor 1K</b>
<b>Other Names</b>	Product Codes: 248---
<b>Recommended Use</b>	Waterborne interior flooring urethane.
<b>Company Name</b>	Resene Paints (Australia) Limited.
<b>Address</b>	7 Production Avenue Molendinar, Queensland 4214.
<b>Emergency Tel</b>	Available Monday – Friday, 8:00 a.m. – 5:00 p.m.
<b>Free Call</b>	1800 738 383
<b>Phone</b>	07 3287 0222
<b>Fax</b>	07 3287 0226

## SECTION 2. HAZARDS IDENTIFICATION

<b>Hazard Statement</b>	HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the criteria of the Safe Work Australia and the ADG code.	
	Hazardous according to NZ regulations: 6.3A 6.4A 9.1C Not regulated under NZS5433 for land transport.	
<b>GHS Classification</b>	Skin Corrosion/Irritation Serious Eye Damage/Irritation	Category 2 Category 2
<b>Label Elements</b>	 <b>WARNING</b>	
<b>Hazard Statements</b>	Causes skin irritation. Causes eye irritation.	
<b>Precautionary statements</b>	Wear protective gloves/eye/face protection and any other personal protective equipment as required. Wash thoroughly after handling. Avoid release to the environment.	

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion %
	Dipropylene glycol monobutyl ether	29911-28-2	< 10
	2,2,4-trimethylpentane-1,3-diol monoisobutyrate	25265-77-4	< 10
	Mixed fungicides	Various	< 1
	Acrylic urethane polymer	Not known	10 - < 30
	Proprietary materials	Various	Balance

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**SECTION 4. FIRST AID MEASURES**


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<b>Swallowed</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Seek medical advice.
<b>Eye</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical advice or attention.
<b>Skin</b>	Remove all contaminated clothing and wash before re-use. Wash skin with plenty of soap and water/ shower. If skin irritation or rash occurs get medical advice or attention.
<b>Inhaled</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell.
<b>Aggravated medical conditions caused by exposure.</b>	May aggravate existing skin conditions. May cause skin dryness and cracking. May cause allergic reaction with repeated or excessive skin contact. Irritating to eyes and skin.
<b>Chronic Health Effects</b>	None anticipated with this product.

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**SECTION 5. FIRE FIGHTING MEASURES**


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<b>Extinguisher</b>	Foam, Carbon Dioxide, Dry Chemical
<b>Hazards from combustion products</b>	Oxides of Carbon and Nitrogen.
<b>Special protective precautions and equipment for fire fighters</b>	Material can splatter above 100°C. Do not allow contaminants and water from fire fighting to enter drains or water course.
<b>Hazchem code</b>	Not assigned

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**


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<b>Emergency procedures</b>	In confined areas wear protective equipment. Keep spectators away and avoid breathing dust or vapours. Floor may be slippery, use care to avoid falling.
<b>Environmental hazard</b>	Harmful to the aquatic life. May cause long term effects on the aquatic environment. Prevent by any means possible from entering drains, streams and watercourses.
<b>Methods and materials for containment and clean up.</b>	<p><b>Minor spills</b> Contain and absorb small quantities with vermiculate or other absorbent material. Wipe up. Collect residues in a waste container.</p> <p><b>Major spills</b> 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>

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**SECTION 7. HANDLING AND STORAGE**


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<b>Precautions for safe handling</b>	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.
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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**

No exposure standard has been established for this product or its constituents.

**Component**

**TWA**

**STEL**

**ppm**

**mg/m<sup>3</sup>**

**ppm**

**mg/m<sup>3</sup>**

**Biological limits** None allocated

**Personal Protection**

**Eyes.** Tight fitting safety goggles or face shield.  
Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

**Hands** Wear chemical protective gloves, e.g. Nitrile or nitrile-butadiene rubber.

**Clothing** Standard issue work clothes, e.g. overalls, should be worn.  
Wear safety footwear.

**Respirator** Selection of the Class and Type of respirator will depend on the level of confinement of the contamination. The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. Refer to AS1716 for selection of appropriate respirator.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear liquid
<b>Odour</b>	Mild
<b>pH</b>	Not applicable
<b>Flash point</b>	Not applicable
<b>Auto ignition temp.</b>	Not applicable
<b>Vapour pressure</b>	Not applicable
<b>Vapour density</b>	Not applicable
<b>Boiling point</b>	100°C
<b>Freezing Point</b>	0°C
<b>Solubility</b>	Soluble
<b>Density</b>	Not known
<b>Volatile by weight</b>	65%

## SECTION 10. STABILITY AND REACTIVITY

**Chemical stability** Product is considered stable under normal storage and handling conditions.

**Conditions to avoid** Presence of incompatible materials. Excessive heat and changes in temperature.

**Incompatible materials** Strong oxidisers, acids and alkalis.

<b>Hazardous decomposition products</b>	Oxides of carbon and nitrogen, and smoke.
<b>Hazardous reactions</b>	Hazardous polymerisation will not occur.

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## SECTION 11. TOXICOLOGICAL INFORMATION

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No data available for this product. Reference is made, where available to individual constituents.

**Acute Toxicity:****Swallowed:**

Possible irritation of the mucous membranes.

**Inhaled:**

Vapour or mist may be irritating to mucous membranes and respiratory system.

**Skin:**

May cause mild irritation.

**Eyes:**

Irritating to eyes.

**Chronic Health Effects:**

None known.

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## SECTION 12. ECOLOGICAL INFORMATION

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No data available for this product.

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

Contains mixed fungicides which may harm aquatic life.

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## SECTION 13. DISPOSAL CONSIDERATIONS

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

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## SECTION 14. TRANSPORT INFORMATION

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<b>UN Number</b>	Not regulated according to the criteria of the ADG7 code.
<b>UN Proper shipping name</b>	-
<b>Class</b>	-
<b>Subsidiary risk</b>	-
<b>Packing Group</b>	-
<b>Marine Pollutant</b>	No
<b>Hazchem Code</b>	Not specified.

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## SECTION 15. REGULATORY INFORMATION

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The hazardous components listed in Section 3 of this SDS appear in the Australian Inventory of Chemical Substances (AICS) database.

NZ Group Standard: HSR002670 Surface Coatings & Colourants (Subsidiary Hazard)

**SECTION 16. OTHER INFORMATION**

**Date of Preparation:** 8<sup>th</sup> August 2013

**Literature references.**

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

Australian Dangerous Goods Code – 7<sup>th</sup> Edition.

MSDS's for individual raw materials.

NZ SDS and evaluation for this product.

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
STEL	Short term exposure limit
CAS Number	Chemical Abstract Service registry number

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**END OF SDS**