

Resene Paints Limited

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MATERIAL SAFETY DATA SHEET

Version Number: 2
Date Issued: 10/03/2005

IDENTIFICATION

Product Name: AQUASHIELD

Other Names:

Description: Waterbased paint

Uses: Water repelling low gloss wall finish coating.

U N Number: Not Specified

Dangerous Goods Class: Not Restricted

Hazchem Code: Not Specified

Toxic Substances Schedule: Not Restricted

Packing Code: N.O.S.

Classification of Hazardous Nature:

Non Hazardous according to NZ Dangerous Goods and Toxic
Substance Regulations.

Physical Description/Properties

Appearance-Viscosity-Odour-pH: Viscous liquid, White/Coloured. Mild odour. pH 7 to 10

Melting or Freezing Point: 0°C (Variable)

Boiling Point: 100°C (Variable)

Vapour Pressure (mm Hg @ 25 C): Greater than 17 at 20°C

Vapour Density (Air=1): Greater than 1

Solubility in Water (g/L @20 C): Dilutable

Percent Volatile (by weight): 45

Specific Gravity (Water=1): 1.4

Evaporation Rate (Butyl Acetate=1): Less than 1

INGREDIENTS

INGREDIENTS	CAS Reg. No.	Approx. Proportion	WES - TWA
Crystalline Silica-Quartz	14808-60-7	Med 10-60%	0.2 mg/m ³ +
Titanium Dioxide*	13463-67-7	Med 10-60%	10 mg/m ³ +
Water	7732-18-5	Med 10-60%	None Established +
Silicone Polymer	Not Classified	Low 0-10%	None Established +
Acrylic Polymer	Not Classified	Low 0-10%	None Established +
Inorganic / Organic Pigments *	Mixture	Low 0-10%	None Established +
Alcohol Solvents	Mixture	Trace	None Established +

* Proportions/Type vary with colour

+ NZ OSH (WES) 2002

HEALTH HAZARD INFORMATION

Health Effects:-

Skin: Irritating to skin upon repeated or prolonged contact.

Eyes: Moderately irritating to eyes.

Inhaled: Vapour or mist is irritating to mucous membranes and respiratory system. Excessive inhalation can cause headache, nausea, dizziness, or asphyxiation.

Swallowed: Can be harmful if swallowed.

Long Term Hazard: None anticipated with this product.

First Aid:-

Skin: Wash affected area thoroughly with soap and water.

Eyes: Flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

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Inhaled: Provide fresh air; give oxygen or artificial respiration if breathing laboured.

Swallowed: If swallowed dilute by giving two glasses of water to drink. DO NOT induce vomiting. Consult Physician or New Zealand National Poisons Centre (Ph 0800 764 766) Australian National Poisons Centre (Ph 1800 131 126) IMMEDIATELY. Never give anything by mouth to an unconscious person.

Advice to Doctor: Treat symptomatically.

PRECAUTIONS FOR USE

Personal Protection:-

Skin: Protective clothing. Gloves of neoprene, nitrile rubber or PVC -Industrial weight lined gauntlet recommended.

Eyes: Safety eyewear with splash guards or side shields to prevent eye contact.

Breathing: SPRAY: Half facepiece, class P1 particulate filter.

Other:

Ventilation: Sufficient ventilation, in volume and pattern, should be provided to keep air contaminant concentrations below WES - TWA limits.

SAFE HANDLING INFORMATION

Storage and Transport:-

Storage Maximum: 40°C. Store cool at constant temperature.

Temperature: Minimum: 1°C

Container Type and Material: Lacquer lined steel tins or polypropylene pails.

Incompatible Substances: Strong oxidizers, acids, alkalis.

Conditions to Avoid: Freezing, excessive heat and changes in temperature.

Hazardous Polymerisation: Will not occur.

Usual Decomposition Products Oxides of Carbon and Nitrogen.

Spills: Keep spectators away and avoid breathing vapours or dust. Floor may be slippery: use care to avoid falling. Dike and contain spill with inert materials (eg sand). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills (and as much as possible cleaning runoffs) out of municipal sewers and open bodies of water.

Disposal: Incinerate the liquid and contaminated diking material at a permitted facility, or otherwise dispose of in accordance with all applicable regulations.

Fire/Explosion Hazard: Flash Point: >100°C

Auto Ignition Temperature: Not known

Upper Explosion Limit %: Not known

Lower Explosion Limit %: Not known

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Water.

Special Fire Fighting Procedures:

None. NOTE: Material can splatter above 100°C. Polymer film can burn.

Other Information:

Note: Titanium Dioxide, and silica when formulated as above, do not pose dust hazards unless sanding or grinding of the dry coating takes place. The WES (TWA) values are those for nuisance dusts. N.O.S. NOT OTHERWISE SPECIFIED

Contact Point: New Zealand Telephone 0800 737363 Australia Telephone 1800 738383 (24 hour)

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