

Resene Paints Limited

32-50 Vogel Street
Naenae
Wellington
P O Box 38242
Wellington Mail Centre
NEW ZEALAND

Telephone: (64) (4) 577 0500
Fax: (64) (4) 577 0600
e-mail: advice@resene.co.nz
Emergency Phone: NZ 0800 737363
Emergency Phone: Aust. 1800 738383

MATERIAL SAFETY DATA SHEET

Version Number: 2
Date Issued: 30/09/2005

IDENTIFICATION

Product Name: WATERBORNE AQUAPEL

Other Names:

Proper Shipping Name Waterbased paint

Uses: Water repellent

U N Number: Not Specified
Dangerous Goods Class: Not Restricted
Hazchem Code: Not Specified
Toxic Substances Schedule: Not Restricted
Packing Code: III

Classification of Hazardous Nature:

Not Regulated under NZ Dangerous Goods. Not Regulated under NZ Toxic Substance legislation. Not Regulated under NZS5433 for land transportation. Not Hazardous according to NZ HSNO Regulations.

Physical Description/Properties

Appearance-Viscosity-Odour-pH: Liquid, Milky White. pH 6 - 8
Melting or Freezing Point: 0°C
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): 90
Specific Gravity (Water=1): 1
Evaporation Rate (Butyl Acetate=1): Less than 1

INGREDIENTS

	CAS Reg. No.	Approx. Proportion	WES - TWA
Water	7732-18-5	High 60-100%	None Established +
Alkyl Alkoxysilane	Not Known	med 10 - 60%	None Established
Alkyl Siloxane	Not Known	low 0 - 10%	None Established

+ NZ OSH (WES) 2002

HEALTH HAZARD INFORMATION

Health Effects:-

Skin: May be irritating to skin upon repeated or prolonged contact.

Eyes: Risk of serious damage 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.

Product Name: **WATERBORNE AQUAPEL**

Page 1 of 2

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.

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: Polypropylene containers.

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, Silicone.

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. Keep container closed, upright when not in use. Store in cool, dry, well ventilated area.

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:

Keep container closed, upright when not in use. Store in cool, dry, well ventilated area.

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

It is Company Policy to maintain the most accurate and up to date information possible, and Resene Paints Limited aims to review these Data regularly. The information contained herein is based on data considered accurate and reliable to the best of our knowledge as of the date issued and subsequently made available from Resene Paints Limited. However, no warranty is expressed or implied regarding the accuracy of these Data or the results to be obtained from the use hereof. Persons using these Data are urged by Resene Paints Limited to satisfy themselves that these Data are the latest available from Resene Paints Limited and remain current and suitable for particular applications after intervening periods of time. Resene Paints Limited assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such users or vendees assume all risks associated with the use of the material.