

**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: 7  
Date Issued: 15/10/2004

**IDENTIFICATION**

Product Name: ALUMASTIC HARDENER  
Other Names: FORMERLY HB ALUMINIUM EPOXY MASTIC HARDENER  
Description: PAINT  
Uses: CURE COMPONENT FOR 2 PACK PROTECTIVE COATING

U N Number: 1263  
Dangerous Goods Class: 3.3  
Hazchem Code: 3[Y]  
Toxic Substances Schedule: Third  
Packing Code: III

Classification of Hazardous Nature:  
Hazardous according to NZ Dangerous Goods and Toxic Substance Regulations.

**Physical Description/Properties**

Appearance-Viscosity-Odour-pH: Viscous Liquid, light tan colour. Solvent Odour.  
Melting or Freezing Point: Less than 0°C  
Boiling Point: Greater than 100°C  
Vapour Pressure (mm Hg @ 25 C): Not known  
Vapour Density (Air=1): Greater than 1  
Solubility in Water (g/L @20 C): Less than 50  
Percent Volatile (by weight): 6%  
Specific Gravity (Water=1): 1.3  
Evaporation Rate (Butyl Acetate=1): Less than 1

**INGREDIENTS**

**CAS Reg. No.**

**Approx. Proportion**

**WES - TWA**

Polyamine Resin	Not known	Med 10-60%	None Established +
Magnesium Silicate (Talc)	14807-96-6	Med 10-60%	2 mg/m <sup>3</sup> +
Hydrocarbon Resin	Not known	Med 10-60%	None Established +
Amino Phenol	90-72-2	Low 0-10%	None Established +
Organo clay	68953-58-2	Low 0-10%	10 mg/m <sup>3</sup> #
Xylene	1330-20-7	Low 0-10%	50 ppm +

+ NZ OSH (WES) 2002

# MANUFACTURERS DATA

**HEALTH HAZARD INFORMATION**

**Health Effects:-**

**Skin:** Irritating to skin upon repeated or prolonged contact. Can cause sensitization or allergic reaction such as rash or hives.

**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:** Overexposure to solvents can damage kidneys, liver and lungs.

**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.

**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 or nitrile rubber -Industrial weight lined gauntlet recommended

**Eyes:** Solvent resistant safety eyewear with splash guards or side shields to prevent eye contact

**Breathing:** Class AUS 1 half face respirator with type A organic vapour filter and class P1 particulate filter.

**Other:** Use in well ventilated area with explosion proof equipment.

**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:** Steel tins.

**Incompatible Substances:** Strong oxidizers, acids, alkalis

**Conditions to Avoid:** Heat, open flame, arc or sparks.

**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: 43°C

Auto Ignition Temperature: Not known

Upper Explosion Limit %: 8.0

Lower Explosion Limit %: 0.5

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

**Special Fire Fighting Procedures:**

Wear self contained breathing apparatus. Closed containers may explode when exposed to extreme heat. Isolate from heat, electrical equipment, sparks and open flame.

**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.