

## Resene Paints Limited

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# MATERIAL SAFETY DATA SHEET

Version Number: 1

Date Issued: 5/02/2002

## IDENTIFICATION

Product Name: ARMOURZINC 125 HARDENER

Other Names:

Proper Shipping Name PAINT

Uses: Hardener component of two component zinc rich 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: Low viscosity clear amber liquid. Solvent odour.

Melting or Freezing Point: Not known

Boiling Point: 203°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): 80%

Specific Gravity (Water=1): 0.86

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 +

Xylene

1330-20-7

High 60-100%

80ppm +

Amino Phenol

90-72-2

Low 0-10%

None Established +

+ NZ OSH (WES) 1994

## 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.

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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 764766) or Australian National Poison Centre (Ph 1800 131126) IMMEDIATELY. Never give anything by mouth to an unconscious person.

**Advice to Doctor:** Treat symptomatically.

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### PRECAUTIONS FOR USE

#### **Personal Protection:-**

**Skin:** Protective clothing. Gloves of neoprene or nitrile rubber-Industrial weight lined gauntlet recommended NZS 5812:1982 4.5.2(b).

**Eyes:** Solvent resistant safety eyewear with splash guards or side shields to prevent eye contact complying with AS/NZS 1337:1992. Refer to 'Eyes at Work' -OSH.

**Breathing:** Class AUS 1 half face respirator with type A organic vapour filter and class P1 particulate filter. Refer AS/NZS 1715:1994, AS/NZS 1716:1994, 'A Guide to Respirators'- OSH

**Other:** Use in well ventilated area with explosion proof equipment. Mixed product contains hazards from both components. Refer 'Practical Guide to Safe Use of Organic Solvents'- OSH

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

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### 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 oxidisers, acids, alkalis

**Conditions to Avoid:** Heat, open flame, arcs 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: 27°C

Auto Ignition Temperature: Not known

Upper Explosion Limit %: Not known

Lower Explosion Limit %: Not known

**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. Copies of 'Practical Guide to Safe Use of Organic Solvents' -OSH, 'A Guide to Respirators' -OSH and 'Eyes at Work' -OSH can be viewed at Resene Color Shops or obtained from OSH.

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

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