

# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** ARMOURZINC 120 BASE

**Other Names:**

**Recommended Use:** Major component of two component zinc rich coating

**Company Name:** Resene Paints Limited New Zealand **Address:** 32-50 Vogel Street, Naenae, Wellington, NEW ZEALAND  
P O Box 38242, Wellington Mail Centre

**Phone:** (04) 577 0500 Fax: (04) 577 0600

Resene Paints Limited Australia **Address** 7 Production Avenue, Molendinar, Queensland 4214  
P O Box 785, Ashmore City, Queensland 4214  
AUSTRALIA

**Phone** 1800 738 383

**Emergency Telephone:**

**New Zealand** 0800 737 363 Available Monday - Friday 8.00am - 4.30pm

**New Zealand Poisons Centre: 0800 764 766**

**Australia** 1800 738 383

**Australian Poisons Centre: 131 126**

## SECTION 2. HAZARDS IDENTIFICATION

**Hazard Classification** HAZARDOUS according to NZ HSNO Regulations  
Regulated under NZS5433 for land transportation

**Risk Phrases**

**Safety Phrases**

**Substance Classification** 3.1C 6.1E 6.3A 6.4A 6.5B 6.8B 6.9B 9.1A

**Hazard Statements** Flammable liquid and vapour  
May be harmful if swallowed  
Causes skin irritation  
Causes eye irritation  
May cause an allergic skin reaction  
Suspected of damaging fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.  
Very toxic to aquatic life with long lasting effects

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	%	CAS No	TWA	
Zinc	>60	7440-66-6	0.1 mg/m <sup>3</sup> as l	NZ OSH (WES) 2002
Dimethylbenzene	1-10	1330-20-7	217 mg/m <sup>3</sup>	NZ OSH (WES) 2002
Bisphenol A/ epichlorohydrin resin	1-10	25068-38-6	1.9 mg/m <sup>3</sup> as e	NZ OSH (WES) 2002
1-methoxy-2-propanol	1-10	107-98-2	369 mg/m <sup>3</sup>	NZ OSH (WES) 2002
Aromatic Hydrocarbon	1-10	64742-95-6	not known	
Methyl Isobutyl Ketone	1-10	108-10-1	205 mg/m <sup>3</sup>	NZ OSH (WES) 2002
Calcium Silicate	<1	1344-95-2	10 mg/m <sup>3</sup>	NZ OSH (WES) 2002
gamma-glycidoxypropyltrimethoxysilane	<1	2530-83-8	262 mg/m <sup>3</sup> as	NZ OSH (WES) 2002
Proprietary ingredients	1-10	various	None Establish	

## SECTION 4. FIRST AID MEASURES

**Eyes** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists get medical attention/advice.

**Swallowed:** Can be harmful if swallowed.

**Skin** Remove/take off all contaminated clothing and wash before re-use. Wash skin with water/shower and

plenty of soap. If skin irritation occurs get medical advice/attention.

**Inhaled** Remove to fresh air and keep at rest in a position comfortable for breathing.

**Aggravated medical conditions caused by exposure**

**Chronic Health Effects**

**Advice to Doctor**

## SECTION 5. FIRE FIGHTING MEASURES

**Extinguisher** Foam, Carbon Dioxide, Dry Chemical

**Hazards from combustion products**

**Special protective precautions and equipment for firefighters**

**Fire/Explosion Hazard**                      **Auto Ignition Temperature**   **Lower Explosion Limit**   **Upper Explosion Limit**

**Hazchem Code**   **Flash Point**

3[Y]

27°C

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures**

Keep spectators away and avoid breathing dust or vapours

**Methods and materials for containment and clean up**

**Minor Spills** Clean up spills immediately.

Ventilate area, avoid breathing of vapours.

Remove all ignition sources.

Wear protective clothing and breathing apparatus.

Use absorbent clean up materials, such as fire retardant treated sawdust or diatomaceous earth.

Keep spills (and as much as possible cleaning runoffs) out of municipal sewers and waterways.

Sweep up.

Place in separate container for disposal or recovery.

**Major Spills** Dike and contain spill with inert materials (eg. Sand).

Restrict access to area. No smoking or naked lights.

Clear area of personnel and move upwind.

Alert Fire Brigade and tell them location and nature of hazard.

Consider evacuation (or protect in place).

Stop leak if safe to do so.

## SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling** Avoid damaging containers. Keep lids on containers when not in use

**Conditions for safe storage including any incompatibilities**

**Storage Temperatures**   **Min** 1°C                                      **Max** 40°C

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National exposure standards for mixture**      None assigned. Refer to individual constituents.

**Component**                                      **Breathing Zone ppm**                                      **Breathing Zone mg/m<sup>3</sup>**

**Personal Protection**

**Eye:** Safety eyewear with splash guards or side shields to prevent eye contact is recommended when using any paint.

**Hands/Feet** Protective clothing. Gloves of neoprene or nitrile rubber - Industrial weight lined gauntlet recommended.

**Other** Use in well ventilated area with explosion proof equipment. When added to other components mixed material presents hazards from all components.

Overalls, impervious clothing, barrier cream, eyewash unit, skin cleansing cream.

Practice good caution and personal cleanliness to avoid skin contact. Avoid breathing vapours of heated materials. Wash hands thoroughly before handling food.

**Respirator** Class AUS-1 half face respirator with type A organic filter

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Green viscous liquid

Odour	pH	Vapour Pressure	Vapour Density	Boiling Point	Melt Freeze	Solubility	Volatile by Weight
hydrocarbon	n/a	0.8 kPa	3.5	138°C	-84°C	Insoluble	13

## SECTION 10. STABILITY AND ACTIVITY

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

**Conditions to Avoid** Freezing, excessive heat and changes in temperature

**Incompatible Material** Avoid storing with strong oxidisers, acids and alkalis

**Hazardous decomposition product** Oxides of carbon and nitrogen

**Hazardous reactions** Hazardous polymerisation will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

No data available for this product

Refer to individual raw materials

Component Oral: LD50 mg/kg Dermal: LD50 mg/kg Inhale: LC50 ppm

**SECTION 12. HAZARDS IDENTIFICATION**

Do not allow the product to enter the environment

No data available for this product

Component Fish: LC50 mg/Lt BCF: <100 Kow

**SECTION 13. DISPOSAL CONSIDERATIONS**

Special precautions for landfill or incineration

Mix with Part B and allow to harden and then dispose of in an authorised landfill. Triple rinse the empty container until clean. Recycle washings where appropriate. Puncture can to prevent re-use. Dispose of empty can in approved landfill. Do not allow washings to enter waterways.

Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed

**SECTION 14. TRANSPORT INFORMATION**

UN Number 1263

UN Proper shipping Paint related material

**Subsidiary risk**

Poison Schedule HAZCHEM Code 3[Y]

Packing Group: III Class 3 - Flammable Liquid

**Special precautions for user****SECTION 15. REGULATORY INFORMATION**

Group Standard HSR002662 Surface Coatings & Colourants (Flammable)

Approved Handler Not required

**SECTION 16. OTHER INFORMATION**

Date of Preparation 25/09/2009

Literature references MSDS's for individual raw material

**Abbreviations:**

NOHSC National Occupational Health and Safety Commission

TWA Time weighted average

STEL Short term exposure limit

CAS Numbe Chemical Abstract Service registry number

Threshold limit value

Marine Pollutant Marine Pollutant

**Safety data sheets are updated frequently. Please ensure that you have a current copy**

The information contained herein is based on data considered accurate and reliable to the best of our knowledge and belief as of the date compiled. However no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use hereof. Resene Paints (New Zealand) Limited assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such users or vendors assume all risks associated with the use of the material. It is the users responsibility to satisfy themselves as to the suitability and completeness of the information for their own particular use. The users must determine whether the use of the information and data is in accordance with local laws and regulations.