

# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** ARMOURCOTE 221 HARDENER

**Other Names:**

**Recommended Use:** Part B of a 2 pack acrylic topcoat

**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 6.8B 6.9B 8.2C 8.3A

**Hazard Statements** Flammable liquid and vapour  
Suspected of damaging fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.  
Causes severe skin burns and eye damage

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	%	CAS No	TWA	
Polyamide Resin	30-60	Not known	None	Establish
Aromatic Hydrocarbon	10-30	64742-95-6	not known	
1-methoxy-2-propanol	10-30	107-98-2	369 mg/m <sup>3</sup>	NZ OSH (WES) 2002
Dimethylbenzene	10-30	1330-20-7	217 mg/m <sup>3</sup>	NZ OSH (WES) 2002
2,4,6-Tris dimethylaminomethyl phenol	1-10	90-72-2	19 mg/m <sup>3</sup> as p	NZ OSH (WES) 2002

## 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** IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF skin irritation occurs: Get medical advice/attention.

**Inhaled**

**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.

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).

Keep spills (and as much as possible cleaning runoffs) out of municipal sewers and open bodies of water.

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.

Collect recoverable product into labelled containers for recycling.

## 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** No exposure standards has been established for this product

**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** 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

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Clear viscous liquid

Odour	pH	Vapour Pressure	Vapour Density	Boiling Point	Melt Freeze	Solubility	Volatile by Weight
Hydrocarbon	n/a	2.9 kPa	3.2	110°C	-95°C	Immiscible	62

## 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

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**

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

**SECTION 13. DISPOSAL CONSIDERATIONS**

Special precautions for landfill or incineration

Consult manufacturer for recycling options and recycle where possible

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

**SECTION 14. TRANSPORT INFORMATION**

UN Number 3469

UN Proper shipping Paint related material, Flammable, Corrosive

**Subsidiary risk**

Poison Schedule HAZCHEM Code 3[Y]

Packing Group: III Class 3

**Special precautions for user**

**SECTION 15. REGULATORY INFORMATION**

Group Standard HSR002663 Surface Coatings & Colourants (Flammable, Corrosive)

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**

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