

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ARMOURCOTE 220 BASE

Other Names:

Recommended Use: Part A of a 2-component epoxy 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 6.3A 6.4A 6.5B 6.8B 6.9B 9.1B

Hazard Statements Flammable liquid and vapour
Causes skin irritation
Causes serious 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.
Toxic to aquatic life with long lasting effects

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	%	CAS No	TWA	
Polyamide Resin	10-30	Not known	None Establish	
Zinc Phosphate	10-30	7779-90-0	None Establish	
Dimethylbenzene	1-10	1330-20-7	217 mg/m ³	NZ OSH (WES) 2002
Methyl Ethyl Ketone	1-10	78-93-3	445 mg/m ³	NZ OSH (WES) 2002
Methyl benzene	1-10	108-88-3	188 mg/m ³	NZ OSH (WES) 2002
1-methoxy-2-propanol	1-10	107-98-2	369 mg/m ³	NZ OSH (WES) 2002
Proprietary ingredients		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 IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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 Oxides of carbon & hydrogen

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]E

10°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/m³

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 viscous liquid

Odour	pH	Vapour Pressure	Vapour Density	Boiling Point	Melt Freeze	Solubility	Volatile by Weight
hydrocarbon	n/a	0.8 kPa	3.9 (heavier than air)	138°C		Insoluble	26%

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

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

No data available for this product
Do not allow the product to enter the environment

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
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.

SECTION 14. TRANSPORT INFORMATION

UN Number 1263
UN Proper shipping Paint related product

Subsidiary risk

Poison Schedule HAZCHEM Code 3[Y]E
Packing Group: II Class 3

Special precautions for user

SECTION 15. REGULATORY INFORMATION

Group Standard HSR002662 Surface Coatings & Colourants (Flammable)
Approved Handler Class 3.1B required for quantities greater than 250L (containers greater than 5L capacity) or greater than 500L (containers less than 5L capacity)

SECTION 16. OTHER INFORMATION

Date of Preparation 9/06/2009
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

ARMOURCOTE 220 BASE

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.