

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ARMOURCOTE 512 HARDENER

Other Names:

Recommended Use: Hardener component of a two pack protective 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 38

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 Not assigned

Safety Phrases Not assigned

Substance Classification 3.1B 6.3A 6.4A 6.5A 6.5B 6.7B 6.8B 6.9B 9.1B

Hazard Statements Highly flammable liquid and vapour
Causes skin irritation
Causes eye irritation
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
Suspected of causing cancer
Suspected of damaging fertility or the unborn child.
Suspected of damaging organs through prolonged or repeated exposure
May cause respiratory irritation
Toxic to aquatic life with long lasting effects

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENT

Ingredients	%	CAS No	TWA	
Bisphenol A/ epichlorohydrin resin	>60	25068-38-6	1.9 mg/m ³ as e	NZ OSH (WES) 2002
Glycidyl neodecanoate	10-30	26761-45-5	0.53 mg/m ³ as	NZ OSH (WES) 2002
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

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: Rinse mouth.

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 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
If experiencing respiratory symptoms, seek medical attention

Aggravated medical conditions caused by exposure

Chronic Health Effects Not Identified
Advice to Doctor Treat Symptomatically

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 3[Y]E	Flash Point -1 °C	502 °C	1.5%
			9.5%

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 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.
Wear protective clothing and breathing apparatus.
Sweep up.
Place in separate container for disposal or recovery.
Clean up spills immediately.

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 0°C Max 40°C

Incompatibilities

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 ³
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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 Organic vapour filter of sufficient capacity

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	6.2 kPa	2.8	94 °C		Immiscible	7

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 Materials

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

Component

Oral:LD50 mg/k

Dermal:LD50 mg/k

Inhale:LC50 pp

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

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

Transport only in accordance with the following regulations

UN Number

1263

Proper Shipping Name

Paint related material

Subsidiary Risk

Poison Schedule

Packing Group:

II

Class

3

HAZCHEM Code

3[Y]E

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

Group Standard HSR002669 Surface Coatings & Colourants - Flammable, Toxic [6.7]

Approved Handler

Class 3.1B required for quantities in excess of 250Lt (in containers of greater than 5L capacity) or 500L (in containers of upto and including 5L capacity)

SECTION 16. OTHER INFORMATION

Date of Preparation

31/10/13

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

TLV

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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