

Resene Paints Limited

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MATERIAL SAFETY DATA SHEET

Version Number: 3
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IDENTIFICATION

Product Name: ARMOURCOTE 210

Other Names:

Description: PAINT RELATED MATERIAL

Uses: alkyd primer for steel - brush/roller/spray application

U N Number: 1263
Dangerous Goods Class: 3.3
Hazchem Code: 3[Y]E
Toxic Substances Schedule: Fourth
Packing Code: II

Classification of Hazardous Nature:

Regulated under NZ Dangerous Good legislation. Not regulated under NZ Toxic Substance legislation. Regulated under NZS5433 for land transportation.

Physical Description/Properties

Appearance-Viscosity-Odour-pH: Red oxide, grey or coloured viscous liquid. Solvent odour.
Melting or Freezing Point:
Boiling Point: 126°C
Vapour Pressure (mm Hg @ 25 C): 0.13
Vapour Density (Air=1): 4.6
Solubility in Water (g/L @20 C): insoluble
Percent Volatile (by weight): 35
Specific Gravity (Water=1): 1.3
Evaporation Rate (Butyl Acetate=1): 0.13

INGREDIENTS	CAS Reg. No.	Approx. Proportion	WES - TWA
Alkyd Resin	Not registered	10-30%	Not known
Aromatic Hydrocarbon	64742-95-6	10-30%	250 mg/m ³ #
Ethyl 3-ethoxypropionate	763-69-9	1-10%	300 mg/m ³ #
Barium metaborate	13701-59-2	1-10%	0.5 mg/m ³ +
Zinc Oxide	1314-13-2	1-10%	5 mg/m ³
Butyl acetate (n)	123-86-4	1-10%	713 mg/m ³
amorphous silica	7631-86-9	<1%	10 mg/m ³
proprietary ingredients *	various	30-60%	

* Proportions/Type vary with colour

NZ OSH (WES) 2002 #MANUFACTURERS DATA + American Conference of Industrial Hygienists

HEALTH HAZARD INFORMATION

Health Effects:-

Skin: Irritating to skin upon repeated or prolonged contact.

Eyes: Moderately irritating to eyes.

Inhaled: Vapour or mist may be mildly discomforting and may cause sensitisation upon repeated or prolonged contact.

Swallowed: Can be harmful if swallowed.

Long Term Hazard: Repeated and prolonged occupational over-exposure to solvents can damage liver, brain, and central nervous system

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.

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 764 766) Australian Nation Poisons Centre (1800 131126) IMMEDIATELY. Never give anything by mouth to an unconscious person.

Advice to Doctor: Treat symptomatically.

PRECAUTIONS FOR USE

Personal Protection:-

Skin: Protective clothing. Gloves of neoprene or nitrile rubber-Industrial weight lined gauntlet recommended.

Eyes: Splashproof goggles

Breathing: Class AUS 1 half face respirator with type A organic vapour filter.

Other: Use in well ventilated area with explosion proof equipment.

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

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 oxidizers, acids, alkalis.

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

Hazardous Polymerisation: Will not occur.

Usual Decomposition Products Oxides of Carbon

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: 22°C

Auto Ignition Temperature: 377°C

Upper Explosion Limit %: 7.6

Lower Explosion Limit %: 1.0

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical.

Special Fire Fighting Procedures:

Wear self contained breathing apparatus. Closed container 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.

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

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