

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ARMOURCHLOR HB-F (includes Miox Medium Grey)
Other Names: Formerly HB Chlorinated Rubber
Recommended Use: chlorinated rubber top coat 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
Phone 1800 738 383 AUSTRALIA

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 3.1C 6.3B 6.5B 6.9B 9.1B

Hazard Statements Flammable liquid and vapour
 Causes mild skin irritation
 May cause an allergic skin reaction
 May cause damage to organs through prolonged or repeated exposure.
 Very toxic to aquatic life with long lasting effects

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENT

Ingredients	%	CAS No	TWA
Aromatic Hydrocarbon	30-60	64742-95-6	not known
Bisphenol A/ epichlorohydrin resin	<10	25068-38-6	1.9 mg/m ³ as e <small>NZ OSH (WES) 2002</small>

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. DO NOT induce vomiting.
 Call a POISON CENTRE (NZ 0800 764766) or Australia (131 126) or doctor/physician if you feel unwell.

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 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	Flash Point	465°C	0.6%
3[Y]	43°C		7.0%

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 Ventilate area, avoid breathing of vapours.

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.

Remove all ignition sources.

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 Not identified

Storage Temperatures Min 10°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 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 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 Viscous liquid

Odour	pH	Vapour Pressure	Vapour Density	Boiling Point	Melt Freeze	Solubility	Volatile by Weight
Hydrocarbon	n/a	1.3 kPa	4.2	150°C		Insoluble	38

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 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

Component Oral:LD50 mg/k Dermal:LD50 mg/k Inhale:LC50 pp

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

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: III
Class 3 - Flammable Liquid
HAZCHEM Code 3[Y]

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 31/10/2010
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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