1

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: RALI EPACRYL HARDENER

Other Names:

Phone

Recommended Use: Part B of a two pack acrylic topcoat

Address: 32-50 Vogel Street, Naenae, Wellington, NEW ZEALAND Resene Paints Limited New Zealand **Company Name:**

P O Box 38242, Wellington Mail Centre

Phone: (04) 577 0500 Fax: (04) 577 0600

> 7 Production Avenue, Molendinar, Queensland 4214 Resene Paints Limited Australia **Address**

P O Box 785, Ashmore City, Queensland 4214

AUSTRALIA

1800 738 38 **Emergency Telephone:**

0800 737 363 Available Monday - Friday 8.00am - 4.30pm **New Zealand**

New Zealand Poisons Centre: 0800 764 766

Australia 1800 738 383

Australian Poisons Centre: 131 126

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classificaton HAZARDOUS according to NZ HSNO Regulations

Regulated under NZS5433 for land transportation

Risk Phrases Not assigned **Safety Phrases** Not assigned

Substance Classification 3.1B 6.3B 6.4A 6.9B 9.1D

Hazard Statements Highly flammable liquid and vapour

> Causes mild skin irritation Causes eye irritation

May cause respiratory irritation

May cause long term adverse effects to aquatic life

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENT

% CAS No Ingredients **TWA** NZ OSH (WES) 1994 n-Butyl Acetate 30-60 123-86-4 713 mg/m³ Acrylic Resin 30-60 Not known None Establish NZ OSH (WES) 2002 gamma-glycidoxypropyltrimethoxysilane 10-30 2530-83-8 262 mg/m³ as

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.

Rinse mouth. Swallowed:

Remove/take off all contaminated clothing and wash before re-use. Wash skin with water/shower and Skin

plenty of soap. If skin irritation occurs get medical advice/attention.

Remove to fresh air and keep at rest in a position comfortable for breathing. Inhaled

Aggravated medical conditions caused by exposure

Chronic Health Effects Not Identified Advice to Doctor Treat Sympomatically

FIRE FIGHTING MEASURES SECTION 5.

Extinguisher Foam, Carbon Dioxide, Dry Chemical

Hazards from combustion products

Special protective precautions and equipment for firefighters

Fire/Explosion Hazard Auto Ingnition Temperature Lower Explosion Limit Upper Explosion Limit

RALI EPACRYL HARDENER Resene Paints Limited Page 1 of 4

471 ℃ 1.7% 7.6% **Hazchem Code Flash Point**

3[Y]E

ACCIDENTAL RELEASE MEASURES SECTION 6.

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

EXPOSURE CONTROLS/PERSONAL PROTECTION SECTION 8.

National exposure

No exposure standards has been established for this product

standards for mixture

Breathing Zone ppm Breathing Zone mg/m³ Component

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 Type A respirator of suitable capacity

PHYSICAL AND CHEMICAL PROPERTIES SECTION 9.

Appearance Clear viscous liquid

Odour pН Vapour Pressure Vapour Density **Boiling Point** Melt Freeze Solubility Volatile by Weight 1.33 kPa 4.0 126℃ -77°C n/a Ester

STABILITY AND ACTIVITY SECTION 10.

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

Immiscible

45



RALI EPACRYL HARDENER

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 product

Subsidiary Risk Poison Schedule

Packing Group:

Class 3

HAZCHEM Code 3[Y]E

Special precautions for user

SECTION 15. REGULATORY INFORMATION

Group Standard HSR002662 Surface Coatings & Colourants - Flammable

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

SECTION 16. OTHER INFORMATION

Date of Preparation 15/05/13

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

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.