

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: RALI MOISTURE CURE ADDITIVE

Other Names:

Recommended Use:

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 924, Beenleigh, Queensland 4207
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 Classificaton HAZARDOUS according to NZ HSNO Regulations
Regulated under NZS5433 for land transportation

Risk Phrases Not assigned

Safety Phrases Not assigned

Substance Classification 3.1C

Hazard Statements Flammable liquid and vapour

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENT

Ingredients	%	CAS No	TWA
Triethyl orthoformate	>99	122-51-0	Not known

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: 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 plenty of soap and water/shower. If skin irritation or rash 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	n/a	n/a
3[Y]	29°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 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 Acids/ water

Storage Temperatures Min 1°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 proof guards or side sheilds to prevent eye contact.

Hands/Feet Protective clothing, gloves of butyl rubber - industrial weight lined gauntlet recommended.

Other Practice good caution and personal cleanliness to avoid skin contact. Avoid breathing vapours of heated materials. Wash hands thoroughly before handling food.

Overalls, impervious clothing, barrier cream, eyewash unit, skin cleansing cream.

Respirator In confined spaces, or areas with limited ventilation where any exposure standard may be exceeded, wear a suitable respirator

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear liquid

Odour	pH	Vapour Pressure	Vapour Density	Boiling Point	Melt Freeze	Solubility	Volatile by Weight
Aromatic	n/a	4 hPa@20°C	5.11	146°C	-18°C	Hydrolyses	100

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 Acids, water, strong oxidising agents

Hazardous decomposition product Oxides of carbon, formic acid, ethanol

Hazardous reactions exothermic reaction with acids

RALI MOISTURE CURE ADDITIVE

SECTION 11. TOXICOLOGICAL INFORMATION

Component	Oral:LD50 mg/k	Dermal:LD50 mg/k	Inhale:LC50 pp
Triethyl orthoformate	7060	18000	

SECTION 12. HAZARDS IDENTIFICATION

Component	Fish:LC50 mg/Lt	BCF:<100 Kow
Triethyl orthoformate	480	no data

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	2524
Proper Shipping Name	Ethyl Orthoformate
Subsidiary Risk	
Poison Schedule	
Packing Group:	III
Class	3
HAZCHEM Code	3[Y]

Special precautions for user

SECTION 15. REGULATORY INFORMATION

Group Standard HSR005493 Triethyl orthoformate

Approved Handler Not required

SECTION 16. OTHER INFORMATION

Date of Preparation	01/06/10
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 <input type="checkbox"/>

Safety data sheets are updated frequently. Please ensure that you have a current copy

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