

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	URACRYL GRAFFITISHIELD HARDENER
Other Names:	
Recommended Use:	Part B of a 2-pack acrylic topcoat
Company Name:	Resene Paints Limited New Zealand
Phone:	(04) 577 0500 Fax: (04) 577 0600
	Resene Paints Limited 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 6.3B 6.4A 6.5A 6.5B 6.8A
Hazard Statements	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 May damage fertility or the unborn child.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENT

Ingredients	%	CAS No	TWA
1-methoxypropyl-2-acetate	1-10	108-65-6	50 ppm #, 270 # MANUFACTURERS DATA
N-N-dimethylcyclohexylamine	<1	98-94-2	Not known
Hexamethylene diisocyanate	<0.3	822-06-0	0.02 mg/m ³ NZ OSH (WES) 2002
Aliphatic polyisocyanate	>90	Not Known	None Establish

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	Wash with soap and water. IF skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician

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		
	354 °C	1.5%	7.0%
3[Y]	41 °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

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/m³**

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 In case of inadequate ventilation wear respiratory protection. Wear a full-face air-fed respirator if spraying

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid						
Odour	pH	Vapour Pressure	Vapour Density	Boiling Point	Melt Freeze	Solubility	Volatile by Weight
Ester	n/a	0.53 kPa	heavier than air	145°C	n/a	Insoluble	8

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: III

Class 3

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 31/10/13

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 Number 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.