

# Safety Data Sheet

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	<b>Thinner No. 8</b>
<b>Other Names</b>	Paint Related Material. Product Code: 80800.
<b>Recommended Use</b>	Uracryl 400 series thinner (brush or roller application).
<b>Company Name</b>	Resene Paints (Australia) Ltd. T/A Altex Coatings.
<b>Address</b>	7 Production Avenue Molendinar, Queensland 4214.
<b>Emergency Tel</b>	Available Monday – Friday, 8:00 a.m. – 5:00 p.m.
<b>Free Call</b>	1800 738 383
<b>Phone</b>	07 55126600
<b>Fax</b>	07 55126697

## SECTION 2. HAZARDS IDENTIFICATION

**Hazard Statement** HAZARDOUS SUBSTANCE. DANGEROUS GOODS.  
According to the criteria of the Safe Work Australia and the ADG code.

Hazardous Substance according to NZ CCID HSNO criteria:  
3.1C 6.1D 6.1E 6.3B 6.4A 6.8A 6.9B 9.1C

<b>GHS Classification</b>	Flammable Liquid	Category 3
	Reproductive Toxicity	Category 1B
	Aspiration Hazard	Category 1

**Label Elements**



**DANGER**

**Hazard Statements** Flammable liquid and vapour.  
May damage fertility or the unborn child.  
May be fatal if swallowed and enters airways.

**Precautionary statements** Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Ground/Bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/eye protection/face protection and other personal protection as required.  
Wash thoroughly after handling.  
Avoid breathing fumes/gas/mist/vapours/spray.

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**


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Ingredients	Name	CAS	Proportion v/v %
	Solvent naphtha(petroleum), light aromatic	64742-95-6	30 – 60
	2-ethoxy-1-methylethyl acetate [PGMA, alpha isomer]	108-65-6	30 – 60
	Ethyl-3-ethoxypropionate	763-69-9	30 – 60
	2-methoxypropyl acetate [PGMA, beta isomer]	70657-70-4	< 1

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**SECTION 4. FIRST AID MEASURES**


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<b>Swallowed</b>	Immediately call a POISON CENTRE or doctor. Do NOT induce vomiting.
<b>Eyes</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical advice or attention.
<b>Skin (or hair)</b>	Remove all contaminated clothing and wash before re-use. Wash skin with plenty of soap and water/ shower. If skin irritation occurs get medical advice or attention.
<b>Inhaled</b>	Remove victim to fresh air and keep at rest in a comfortable position for breathing. See medical advice if you feel unwell.
<b>First Aid Facilities</b>	Safety shower and eye wash facilities.
<b>Aggravated medical conditions caused by exposure.</b>	The normal routes of exposure are usually by skin contact with the material and/or inhalation of the vapour. Contact with skin or eyes may cause irritation. Prolonged or repeated skin contact with the liquid may cause Irritant Contact Dermatitis. Inhalation of vapour or mists may cause irritation to the respiratory tract. May be harmful in contact with skin or inhaled. As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in the workplace atmosphere, should be avoided. Ingestion in any form can be avoided by observing correct occupational hygiene.
<b>Advice to Doctor</b>	Treat symptomatically.

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**SECTION 5. FIRE FIGHTING MEASURES**


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<b>Extinguisher</b>	For small fires - Alcohol stable foam or carbon dioxide. For large fires - Water spray or fog, or dry chemical powder. Do not use water in a jet.
<b>Hazards from combustion products</b>	On combustion, this product may emit toxic fumes of carbon monoxide and carbon dioxide. May emit clouds of acrid smoke.
<b>Special protective precautions and equipment for fire fighters</b>	Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water course. DO NOT approach containers suspected of being hot. May be violently or explosively reactive. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Vapours are heavier than air and can spread along the ground to distant ignition sources causing flashback.
<b>Hazchem code</b>	3[Y]

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**


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<b>Emergency procedures</b>	Avoid contact with spilled or released material. Avoid breathing vapour and avoid
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contact with skin and eyes. Control personal contact by using protective equipment. Clean up spills immediately.

**Environmental precautions** Prevent, by any means available, spillage from entering drains or water course or soil. May pose a long term hazard to the aquatic environment.

**Methods and materials for containment and clean up.** **Minor spills**  
Contain and absorb small quantities with vermiculate or other non-flammable absorbent material.

**Major spills**  
Clear area of personnel and move upwind.  
Alert fire brigade and tell them location and nature of hazard.  
Prevent, by any means available, spillage from entering drains or water course.  
Stop leak if safe to do so.  
Contain spill with sand, earth or vermiculite.

**SECTION 7. HANDLING AND STORAGE**

**Precautions for safe handling** Use in a well ventilated area.  
Avoid smoking, naked lights, heat or ignition sources.  
When handling, DO NOT eat drink or smoke.  
Vapour may ignite on pumping or pouring due to static electricity.  
DO NOT use plastic buckets.  
Use spark free tools when handling  
Always wash hands with soap and water.  
Observe proper occupational work practices.

**Conditions for safe storage including any incompatibilities** Store in a metal can or drum in an approved flammable liquids storage area.  
Check all containers are clearly labelled and free from leaks.  
Keep containers securely sealed  
Store in a cool dry, well-ventilated area, away from sources of ignition.  
Avoid storage with oxidisers.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**National exposure standards for mixture** No exposure standard has been established for this product.  
Exposed individuals are not reasonably expected to be warned, by smell, that the exposure standard is being exceeded.  
If the breathing zone concentration of ANY of the components is exceeded then the individual is deemed to be over exposed.

Component	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Petroleum solvent	-	790	-	-
PGMA	50	274	100	548

**Biological Limit Values** No biological limit allocated

**Engineering Controls** Use in a well ventilated area.  
General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in special circumstances. If risk of overexposure exists, wear an approved respirator in compliance with AS1716.

**Personal Protection**  
**Eyes.** Safety glasses with side shields; or as required, Chemical goggles.  
Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

**Hands/Feet** Wear chemical protective gloves.  
Wear safety footwear.

**Protective Clothing** Skin protection not ordinarily required beyond standard issue work clothes.

**Respirator** If work practices do not maintain airborne levels below exposure standards, use appropriate respiratory protection equipment as specified in AS1716. Selection of the Class and Type of respirator will depend on the level of confinement of the contamination

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Colourless clear liquid
<b>Odour</b>	Aromatic
<b>pH</b>	Not Applicable
<b>Vapour pressure</b>	0.7 kPa
<b>Vapour density</b>	4.5
<b>Boiling point</b>	152°C
<b>Freezing/Melting point</b>	Not established
<b>Flash Point</b>	49°C
<b>Auto Ignition temp.</b>	405°C
<b>Solubility</b>	Immiscible
<b>Density</b>	0.9 Kg/L
<b>UEL</b>	8.5%
<b>LEL</b>	1.0%
<b>Percent Volatile</b>	100%

## SECTION 10. STABILITY AND REACTIVITY

<b>Chemical stability</b>	Product is considered stable.
<b>Conditions to avoid</b>	Ignition sources Presence of incompatible materials.
<b>Incompatible materials</b>	Flammable liquids should not be stored with:- Class 1 – Explosives Class 2 – Flammable gases Class 2.3 – Poisonous gases Class 4.2 – Spontaneously combustible substances Class 5.1 – Oxidising agents Class 5.2 – Organic peroxides Class 7 – Radioactive substances.
<b>Hazardous decomposition products</b>	Carbon monoxide may be evolved if incomplete combustion occurs.
<b>Hazardous reactions</b>	Hazardous polymerisation will not occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological information for this product is not available. Reference is made, where possible, to the individual constituents.

### **Acute Health Effects:**

**Swallowed:** Expected to be of low toxicity LD<sub>50</sub> >2000mg/kg rat (petroleum solvent). Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal. May cause irritation to the mouth, throat, oesophagus, and stomach with nausea, abdominal discomfort, vomiting and diarrhoea.

**Eye:** Irritating to eyes causing tearing, stinging, blurred vision and redness.

**Skin:** Irritating to skin. Prolonged contact may cause defatting of the skin which can lead to dermatitis.

**Inhaled:** Inhalation of vapours may cause irritation to the respiratory system. Inhalation of high concentrations may cause central nervous system depression resulting in headaches, dizziness, drowsiness and nausea. Continued inhalation may result in unconsciousness, coma and even death.

### **Chronic Health Effects:**

Repeat exposure to high doses can affect the nervous system, or may cause liver or kidney damage.

Prolonged contact may cause defatting of the skin which can lead to dermatitis.

This product contains trace amounts of propylene glycol monomethyl ether acetate [PGMA] beta isomer. Animal tests have shown that the beta isomer of PGMA could potentially cause toxicity to human reproduction or development.

## **SECTION 12. ECOLOGICAL INFORMATION**

No data available for this product. However, in reference to data for ingredients below, this product is expected to be of moderate toxicity to aquatic life. May pose a chronic hazard to aquatic life.

Do not empty into drains.

### **Solvent naphtha or xylene**

Fish	: Toxic 1 <LC/EC/IC <sub>50</sub> ≤ 10 mg/L
Aquatic Invertebrates	: Toxic 1 <LC/EC/IC <sub>50</sub> ≤ 10 mg/L
Algae	: Toxic 1 <LC/EC/IC <sub>50</sub> > 10 mg/L

**Mobility:** Product is mobile and may contaminate groundwater. It is unlikely to be absorbed to sediments or soils.

**Persistence/degradability:** Biodegradable oxidises rapidly by photo-chemical reactions in air.

**Bioaccumulation:** Has the potential to bioaccumulate in the aquatic environment.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods and containers** Consult State Land Waste Management Authority for disposal.

**Special precautions for landfill or incineration** Incinerate residue at an approved site.

Recycle containers if possible, or dispose of in an approved landfill.

Packaging may still contain fumes and vapours that are flammable and harmful. Ensure that empty packaging is allowed to dry.

## **SECTION 14. TRANSPORT INFORMATION**

<b>UN Number</b>	1263
<b>UN Proper shipping name</b>	Paint related material
<b>Class</b>	3 Flammable Liquid
<b>Subsidiary risk</b>	None
<b>Marine Pollutant</b>	No
<b>Packing Group</b>	III
<b>Hazchem Code</b>	3[Y]

## **SECTION 15. REGULATORY INFORMATION**

### **Poison Schedule 5**

#### **FIRST AID:**

**A** For advice, contact a Poisons Information Centre, Australia 13 1126; New Zealand 0800 764 766, or a doctor at once.

G3 If swallowed, do NOT induce vomiting.

**SAFETY DIRECTIONS:**

1, 4 & 8 Avoid contact with eyes, skin and avoid breathing dust, vapour or spray mist.

The principle components of this material are listed on the Australian Inventory of Chemical Substances (AICS).

NZ Group Standard: HSR002662 Surface Coatings & Colourants (Flammable)

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**SECTION 16. OTHER INFORMATION**

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**Date of Preparation:** 6<sup>th</sup> June 2013

**Replaces:** 18<sup>th</sup> May 2010

**Literature references.**

AICS Search page – NOHSC <http://www.nicnas.gov.au/industry/aics/search.asp>

Preparation of Safety Data Sheets for Hazardous Chemicals. *Code of Practice 2011*.

Australian Dangerous Goods Code – 7<sup>th</sup> Edition.

SDS's for individual raw materials.

NZ SDS and assessment for this product.

Safe Work Australia Hazardous Substances Information System; Search exposure standards.  
<http://hsis.safeworkaustralia.gov.au/ExposureStandards>

Environmental Protection Authority New Zealand; HSNO Chemical Classification and Information Database (CCID): <http://www.epa.govt.nz/search-databases/Pages/HSNO-CCID.aspx>

Standard for the Uniform Scheduling of Medicines and Poisons. No. 2

Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Third Revised Edition. United Nations. New York and Geneva, 2009.

ESIS (European chemical Substances Information System)  
<http://esis.jrc.ec.europa.eu/>

**Abbreviations:**

ADG Australian Code for the Transport of Dangerous Goods by Road & Rail

HSNO Hazardous Substance New Organisms

LD<sub>50</sub> Median lethal dose

LC<sub>50</sub> Median lethal concentration.

TWA Time weighted average.

STEL Short term exposure limit.

CAS Number Chemical Abstract Service registry number

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

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**END OF SDS**