

### SECTION 1: Identification : Product identifier and chemical identity

#### 1.1. Product identifier

Product form : Mixture  
 Trade name : RAPTOR ANTI-CORROSIVE EPOXY PRIMER  
 Product code : REP/1LK, REP/5LK

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Anti-rust coating

#### 1.4. Supplier's details

##### Supplier

U-POL AUSTRALIA PTY LIMITED  
 Unit A, 16 - 20 Cassola Place  
 Penrith, NSW 2750 - Australia  
 T 02 4731 2655 - F 02 4731 2611  
[info@u-pol.co.nz](mailto:info@u-pol.co.nz) - [www.u-pol.com.au](http://www.u-pol.com.au)

##### Supplier

U-POL NEW ZEALAND LIMITED  
 c/o Lindsay & Associates  
 Unit H, 12 Amera Place, East Tamaki  
 Manukau City 2013 - New Zealand  
 T + 612 4731 2655 - F + 612 4731 2611  
[technicalsupport@u-pol.com](mailto:technicalsupport@u-pol.com) - [www.u-pol.com](http://www.u-pol.com)

#### 1.5. Emergency phone number

Emergency number : Australia (CHEMTREC): + (61) - 290372994 ; New Zealand (National Poisons Centre): 0800 764 766

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable liquids, Category 3 H226  
 Skin corrosion/irritation, Category 2 H315  
 Skin sensitisation, Category 1 H317  
 Specific target organ toxicity — Repeated exposure, Category 2 H373  
 Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

#### 2.2. Label elements

Hazard pictograms (GHS AU) :



Signal word (GHS AU) :

Warning

Contains :

Reaction Product: Bisphenol A-(epichlorohydrin):epoxy resin (number average molecular weight >700) (10 - 30 %); xylene (10 - 30 %)

Hazard statements (GHS AU) :

H226 - Flammable liquid and vapour.  
 H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H319 - Causes serious eye irritation.  
 H373 - May cause damage to organs through prolonged or repeated exposure.  
 H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (GHS AU) :

P210 - Keep away from heat, hot surfaces, sparks, open flames. No smoking.  
 P261 - Avoid breathing vapours, spray, fume.  
 P264 - Wash hands thoroughly after handling.  
 P280 - Wear face protection, protective clothing, protective gloves.  
 P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305 - IF IN EYES: Rinse first with plenty of water and if necessary take medical advice  
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

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according to the Model Work Health and Safety Regulations

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Reaction Product: Bisphenol A-(epichlorohydrin):epoxy resin (number average molecular weight >700) ( )		10 - 30	Skin Sens. 1, H317 Aquatic Chronic 2, H411
xylene ( )	1330-20-7	10 - 30	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304
Other substances (not contributing to the classification of this product)		62.22	

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

#### 4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

Other medical advice or treatment	: Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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#### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable liquid and vapour.
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#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Hazchemcode	: 3YE

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe vapours, spray, fume. Avoid contact with skin and eyes.
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##### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
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### SECTION 7: Handling and storage, including how the chemical may be safely used

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe vapours, spray, fume. Avoid contact with skin and eyes.
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Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters - exposure standards

xylene (1330-20-7)		
New Zealand	Local name	Xylene (Dimethylbenzene)
New Zealand	TWA (mg/m <sup>3</sup> )	217 mg/m <sup>3</sup>
New Zealand	TWA (ppm)	50 ppm
New Zealand	Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 8th Edition

### Exposure limit values for the other components

### 8.2. Monitoring

No additional information available

### 8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.4. Personal protective equipment

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance :  
Liquid.

Colour : No data available

Odour : No data available

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : 13

Melting point / Freezing point : Melting point : Not applicable

Boiling point : No data available

Flash point : 24 °C

Auto-ignition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : Vapour pressure : 0.93 kPa

Relative density : No data available

Density : Density :  $\approx 1.35 \text{ g/cm}^3$

Solubility : No data available

Log Pow : No data available

Explosive properties : No data available

Explosive limits : No data available

Minimum ignition energy : No data available

VOC content - Actual : 461 g/l

VOC content : 461 g/l

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VOC content - Regulatory : No data available

### SECTION 10: Stability and reactivity

Reactivity : Flammable liquid and vapour. Flammable liquid and vapour.  
Chemical stability : Stable under normal conditions.  
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.  
Conditions to avoid : Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.  
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### xylene (1330-20-7)

LD50 oral rat	3523 mg/kg bodyweight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Rat, Male, Experimental value, Oral, 14 day(s))
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Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.  
Aspiration hazard : Not classified

### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Ecology - general : Harmful to aquatic life with long lasting effects.  
Acute aquatic toxicity : Not classified  
Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

#### xylene (1330-20-7)

LC50 fish 1	2.6 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static renewal, Fresh water, Read-across, Lethal)
ErC50 (algae)	4.36 mg/l (OECD 201: Alga, Growth Inhibition Test, 73 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
BCF fish 1	7.2 - 25.9 (56 day(s), Oncorhynchus mykiss, Flow-through system, Fresh water, Read-across)
Log Pow	3.2 (Read-across, 20 °C)
Log Koc	2.73 (log Koc, Equivalent or similar to OECD 121, Read-across)

#### 12.2. Persistence and degradability

#### xylene (1330-20-7)

Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
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#### 12.3. Bioaccumulative potential

#### xylene (1330-20-7)

BCF fish 1	See section 12.1 on ecotoxicology
Log Pow	See section 12.1 on ecotoxicology
Log Koc	See section 12.1 on ecotoxicology
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

#### 12.4. Mobility in soil

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<b>xylene (1330-20-7)</b>	
Surface tension	28.01 - 29.76 mN/m (25 °C)
Log Pow	See section 12.1 on ecotoxicology
Log Koc	See section 12.1 on ecotoxicology
Ecology - soil	Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation.

### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

<b>RAPTOR ANTI-CORROSIVE EPOXY PRIMER</b>	
Fluorinated greenhouse gases	False

<b>xylene (1330-20-7)</b>	
Fluorinated greenhouse gases	False

<b>Reaction Product: Bisphenol A-(epichlorohydrin):epoxy resin (number average molecular weight &gt;700)</b>	
Fluorinated greenhouse gases	False

## SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Additional information : Flammable vapours may accumulate in the container.

## SECTION 14: Transport information

### 14.1. UN number

UN-No. (ADG) : 1263  
UN-No. (IMDG) : 1263  
UN-No. (IATA) : 1263

### 14.2. Proper Shipping Name - Addition

Proper Shipping Name (ADG) : Paint  
Proper Shipping Name (IMDG) : PAINT  
Proper Shipping Name (IATA) : Paint

### 14.3. Transport hazard class(es)

#### ADG

Transport hazard class(es) (ADG) : 3  
Danger labels (ADG) : 3  
:



#### IMDG

Transport hazard class(es) (IMDG) : 3  
Danger labels (IMDG) : 3  
:



#### IATA

Transport hazard class(es) (IATA) : 3  
Hazard labels (IATA) : 3  
:



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### 14.4. Packing group

Packing group (ADG)	: III
Packing group (IMDG)	: II
Packing group (IATA)	: II

### 14.5. Environmental hazards

Marine pollutant	: No
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### 14.6. Special precautions for user

Specific storage requirement	: No data available
Shock sensitivity	: No data available

### 14.7. Additional information

Other information	: No supplementary information available
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### Transport by road and rail

UN-No. (ADG)	: 1263
Special provision (ADG)	: 163, 223
Limited quantities (ADG)	: 5I
Packing instructions (ADG)	: P001, IBC03, LP01
Special packing provisions (ADG)	: PP1
Portable tank and bulk container instructions (ADG)	: T2
Portable tank and bulk container special provisions (ADG)	: TP1, TP29

### Transport by sea

UN-No. (IMDG)	: 1263
Special provisions (IMDG)	: 163, 367
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP8, TP28
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG)	: B
Properties and observations (IMDG)	: Miscibility with water depends upon the composition.

### Air transport

UN-No. (IATA)	: 1263
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A3, A72, A192
ERG code (IATA)	: 3L

### 14.8. Hazchem or Emergency Action Code

Hazchemcode	: 3YE
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## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No additional information available

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## Safety Data Sheet

according to the Model Work Health and Safety Regulations

### Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR002670  
Group standard : Surface coatings and colourants

### 15.2. International agreements

No additional information available

## SECTION 16: Any other relevant information

Revision date : 03/05/2019

Classification:

Flam. Liq. 3	H226
Skin Irrit. 2	H315
Skin Sens. 1	H317
STOT RE 2	H373
Aquatic Chronic 3	H412

Full text of H-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

SDS Australia U-POL

*For professional use only.*

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