



DRIVING SURFACE PERFECTION

# RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations  
Issue date: 1/06/2018 Revision date: 20/12/2021 Supersedes: 3/05/2019 Version: 2.0

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL  
Product code : REP/AL

#### 1.2. Other means of identification

No additional information available

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

Recommended use : Coating  
Restrictions on use : Consumer uses: Private households (= general public = consumers)

#### 1.4. Details of manufacturer or importer

##### Supplier

U-POL Australia Pty Limited Ltd  
55 Leland Street  
Penrith NSW 2750  
Australia  
T 02 4731 2655 - F 02 4731 2611  
[info@u-pol.com.au](mailto:info@u-pol.com.au) - [www.u-pol.com](http://www.u-pol.com)

##### Supplier

U-POL New Zealand Limited Ltd  
c/o Lindsay & Associates Unit H, 12 Amara Place, East Tamaki  
Manukau City Auckland 2013  
New Zealand  
T + 612 4731 2655 / 027 630 3691 - F + 612 4731 2611  
[info@u-pol.co.nz](mailto:info@u-pol.co.nz) - [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: Hazard identification

#### 2.1. Classification of the hazardous chemical

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

Aerosol, Category 1	H222;H229
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2A	H319
Skin sensitisation, Category 1	H317

#### 2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Flame

Exclamation  
mark

Signal word (GHS AU) : Danger  
Contains : acetone (10 – 30 %); bisphenol-A-(epichlorhydrin), epoxy resin (< 10 %)  
Hazard statements (GHS AU) : H222 - Extremely flammable aerosol  
H229 - Pressurised container: May burst if heated  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
Precautionary statements (GHS AU) : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.

# RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

P103 - Read carefully and follow all instructions.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251 - Do not pierce or burn, even after use.  
P261 - Avoid breathing vapours, spray, fume.  
P264 - Wash hands thoroughly after handling.  
P280 - Wear eye protection, face protection, protective gloves.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Unknown acute toxicity (GHS AU) : 7.98% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3: Composition and information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
acetone	67-64-1	10 – 30	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
bisphenol-A-(epichlorhydrin), epoxy resin	25068-38-6	< 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Other substances (not contributing to the classification of this product)	-	79.3	-

## SECTION 4: First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
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.  
Symptoms/effects after eye contact : Eye irritation.

### 4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

# RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### 5.2. Specific hazards arising from the chemical

- Fire hazard : Extremely flammable aerosol.  
Explosion hazard : Pressurised container: May burst if heated.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 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.

## 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. Avoid contact with skin and eyes. Avoid breathing fume, spray, vapours.

#### 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".

### 6.2. Environmental precautions

Avoid release to the environment.

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

- Methods for cleaning up : Mechanically recover the product.

## SECTION 7: Handling and storage

### 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. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing fume, spray, vapours.
- 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

- Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters - exposure standards

#### acetone (67-64-1)

##### Australia - Occupational Exposure Limits

Local name	Acetone
OES TWA [1]	1185 mg/m <sup>3</sup>
OES TWA [2]	500 ppm
OES STEL	2375 mg/m <sup>3</sup>
OES STEL [ppm]	1000 ppm

# RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

acetone (67-64-1)	
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)
<b>New Zealand - Occupational Exposure Limits</b>	
Local name	Acetone
WES-TWA (OEL TWA) [1]	1185 mg/m <sup>3</sup>
WES-TWA (OEL TWA) [2]	500 ppm
WES-STEL (OEL STEL)	2375 mg/m <sup>3</sup>
WES-STEL (OEL STEL) [ppm]	1000 ppm
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition
<b>New Zealand - Biological Exposure Indices</b>	
Local name	Acetone
BEI	50 mg/l Parameter: Acetone - Medium: Urine - Sampling time: End of shift
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 12th Edition

### 8.2. Biological Monitoring

No additional information available

### 8.3. Engineering controls

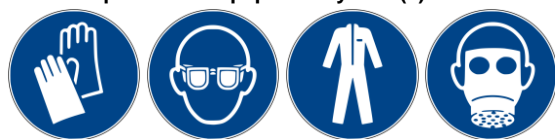
Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

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

Device	Filter type	Condition	Standard
Air-Purifying Respirator (APR), reusable	Filter A2/B2		

### Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state : Liquid  
Appearance : Aerosol.  
Colour : light brown  
Odour : characteristic  
Odour threshold : No data available  
pH : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point / Freezing point : No data available  
Boiling point : No data available  
Flash point : No data available  
Auto-ignition temperature : No data available  
Flammability : No data available  
Vapour pressure : No data available  
Relative density : No data available  
Density : Density: 1.0025 g/cm<sup>3</sup>

# RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Explosive properties	: Pressurised container: May burst if heated.
Explosive limits	: No data available
Minimum ignition energy	: No data available
VOC content	: 653 g/l
VOC content - Regulatory	: No data available
Percent Solids	: 0 wt%

### SECTION 10: Stability and reactivity

Reactivity	: Extremely flammable aerosol. Pressurised container: May burst if heated.
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.
Incompatible materials	: No additional information available
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

acetone (67-64-1)	
LD50 oral rat	5800 mg/kg bodyweight Animal: rat, Animal sex: female
LD50 dermal rabbit	> 15800 mg/kg bodyweight (24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	76 mg/l air Animal: rat, Animal sex: female, 95% CL: 65,2 - 88,4
ATE AU (oral)	5800 mg/kg bodyweight

bisphenol-A-(epichlorhydrin), epoxy resin (25068-38-6)	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))

Unknown acute toxicity (GHS AU)	: 7.98% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

bisphenol-A-(epichlorhydrin), epoxy resin (25068-38-6)	
NOAEL (chronic, oral, animal/male, 2 years)	15 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other:MITI, Japanese ministry of international trade and industry, February 1998, Remarks on results: other:Effect type: toxicity (migrated information)
NOAEL (chronic, oral, animal/female, 2 years)	100 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other:MITI, Japanese ministry of international trade and industry, February 1998, Remarks on results: other:Effect type: toxicity (migrated information)

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

# RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

acetone (67-64-1)	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL	
Vaporizer	Aerosol

## 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	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

acetone (67-64-1)	
LC50 - Fish [1]	6210 – 8120 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Measured concentration)
LOEC (chronic)	> 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≥ 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
BCF - Fish [1]	0.69 (Pisces, Literature study)
Partition coefficient n-octanol/water (Log Pow)	-0.23 (Test data)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.374 – 0.988 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

bisphenol-A(epichlorhydrin), epoxy resin (25068-38-6)	
LC50 - Fish [1]	1.2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	2 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration)
LOEC (chronic)	1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
Partition coefficient n-octanol/water (Log Pow)	3 (Estimated value, 25 °C)

### 12.2. Persistence and degradability

acetone (67-64-1)	
Persistence and degradability	Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.43 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.92 g O <sub>2</sub> /g substance
ThOD	2.2 g O <sub>2</sub> /g substance
bisphenol-A(epichlorhydrin), epoxy resin (25068-38-6)	
Persistence and degradability	Not readily biodegradable in water.

# RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### 12.3. Bioaccumulative potential

#### acetone (67-64-1)

BCF - Fish [1]	0.69 (Pisces, Literature study)
Partition coefficient n-octanol/water (Log Pow)	-0.23 (Test data)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.374 – 0.988 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

#### bisphenol-A-(epichlorhydrin), epoxy resin (25068-38-6)

Partition coefficient n-octanol/water (Log Pow)	3 (Estimated value, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

### 12.4. Mobility in soil

#### acetone (67-64-1)

Surface tension	23.3 mN/m (20 °C)
Partition coefficient n-octanol/water (Log Pow)	-0.23 (Test data)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	See section 12.1 on ecotoxicology 0.374 – 0.988 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.

#### bisphenol-A-(epichlorhydrin), epoxy resin (25068-38-6)

Surface tension	59 mN/m (20 °C, 0.09 g/l)
Partition coefficient n-octanol/water (Log Pow)	3 (Estimated value, 25 °C)
Ecology - soil	No (test) data on mobility of the substance available.

### 12.5. Other adverse effects

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

#### RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL

Fluorinated greenhouse gases	False
------------------------------	-------

#### acetone (67-64-1)

Fluorinated greenhouse gases	False
------------------------------	-------

#### bisphenol-A-(epichlorhydrin), epoxy resin (25068-38-6)

Fluorinated greenhouse gases	False
------------------------------	-------

## SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### 14.1. UN number

UN-No. (ADG) : 1950  
UN-No. (IMDG) : 1950  
UN-No. (IATA) : 1950

# RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

### 14.2. UN Proper Shipping Name

Proper Shipping Name (ADG) : AEROSOLS  
Proper Shipping Name (IMDG) : AEROSOLS  
Proper Shipping Name (IATA) : Aerosols, flammable

### 14.3. Transport hazard class(es)

#### ADG

Transport hazard class(es) (ADG) : 2.1  
Danger labels (ADG) : 2.1



#### IMDG

Transport hazard class(es) (IMDG) : 2.1  
Danger labels (IMDG) : 2.1



#### IATA

Transport hazard class(es) (IATA) : 2.1  
Danger labels (IATA) : 2.1



### 14.4. Packing group

Packing group (ADG) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable

### 14.5. Environmental hazards

Marine pollutant : No  
Dangerous for the environment : No  
Other information : No supplementary information available

### 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

#### Transport by road and rail

UN-No. (ADG) : 1950  
Special provision (ADG) : 63, 190, 277, 327, 344  
Limited quantities (ADG) : See SP 277  
Packing instructions (ADG) : P207, LP02  
Special packing provisions (ADG) : PP87, L2

#### Transport by sea

UN-No. (IMDG) : 1950  
Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959



# RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Packing instructions (IMDG) : P207, LP200  
Special packing provisions (IMDG) : PP87, L2  
EmS-No. (Fire) : F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES  
EmS-No. (Spillage) : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)  
Stowage category (IMDG) : None

### Air transport

UN-No. (IATA) : 1950  
PCA Excepted quantities (IATA) : E0  
PCA Limited quantities (IATA) : Y203  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 203  
PCA max net quantity (IATA) : 75kg  
CAO packing instructions (IATA) : 203  
CAO max net quantity (IATA) : 150kg  
Special provisions (IATA) : A145, A167, A802  
ERG code (IATA) : 10L

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

#### Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR002515  
Group standard : Aerosols

#### acetone (67-64-1)

##### Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR001070
----------------------	-----------

#### bisphenol-A(epichlorhydrin), epoxy resin (25068-38-6)

##### Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003180
----------------------	-----------

#### Xylene (1330-20-7)

##### Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR000983
----------------------	-----------

#### ethylbenzene (100-41-4)

##### Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR001151
----------------------	-----------

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 20/12/2021

# RAPTOR 2K ANTI CORROSIVE EPOXY PRIMER AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Classification	
Aerosol 1	H222;H229
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Skin Sens. 1	H317

Full text of H-statements	
Aerosol 1	Aerosol, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects

For professional use only.

The information contained within this Safety Data Sheet (SDS) is believed to be correct as of the date issued however it is subject to change from time to time. It does not purport to be all inclusive or exhaustive and shall only be used as a guide. U-POL makes no warranties, expressed or implied, including but not limited to, any implied warranty of fitness for a given purpose or usage. It is the Buyers responsibility to ensure the suitability of the products for their own use and to check the information is up to date. U-POL cannot be held responsible for the suitability of use for any of its products, considering the wide range of factors such as application, substrates and handling methods. Since these conditions of use are outside of our control, the company shall not be held liable for any damage resulting from handling or from contact with the product detailed. Moreover, addition of reducers, hardeners or other additives over and above U-POL's recommendations for use, may substantially alter the composition and hazards of the product. U-POL data sheets are available via the U-POL website at [WWW.U-POL.COM](http://WWW.U-POL.COM).