



DRIVING SURFACE PERFECTION

# POWERCAN PRIMER GREY AEROSOL

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations  
Issue date: 10/01/2017 Revision date: 20/12/2021 Supersedes: 25/05/2021 Version: 4.0

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : POWERCAN PRIMER GREY AEROSOL  
Product code : PCPG/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

#### 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  
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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 |
| Serious eye damage/eye irritation, Category 2A                         | H319      |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | H336      |

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

Hazard pictograms (GHS AU) :



Signal word (GHS AU) : Danger

Contains : ethyl methyl ketone (30 – 60 %); hydrocarbons, C9, aromatics (< 10 %); ethyl acetate (< 10 %)

Hazard statements (GHS AU) : H222 - Extremely flammable aerosol  
H229 - Pressurised container: May burst if heated  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS AU) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Do not pierce or burn, even after use.  
P261 - Avoid breathing fume, spray, vapours.  
P264 - Wash hands thoroughly after handling.

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- P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear eye protection, face protection, protective gloves.  
P405 - Store locked up.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.  
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
- Additional hazard statements (GHS AU) : AUH066 - Repeated exposure may cause skin dryness or cracking.

### 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) |
|---|---------|---------|--|
| ethyl methyl ketone   | 78-93-3 | 30 – 60 | Flam. Liq. 2, H225<br>Acute Tox. 5 (Oral), H303<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336  |
| Other substances (not contributing to the classification of this product) | -       | 64.1    | -  |

## SECTION 4: First aid measures

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

- First-aid measures general : Call a poison center or a doctor 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 : Wash skin with plenty of water.  
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 : May cause drowsiness or dizziness.  
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.

### 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.

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### SECTION 6: Accidental release measures

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

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

Protective equipment : Safety glasses. Protective clothing. Gloves.  
Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing fume, spray, vapours. Avoid contact with skin and eyes.

##### 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

For containment : Contain released product. Collect spillage.  
Methods for cleaning up : Mechanically recover the product.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : 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. Use only outdoors or in a well-ventilated area. Avoid breathing fume, spray, vapours. Avoid contact with skin and eyes. Wear personal protective equipment.  
Hygiene measures : 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 locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
Storage temperature : < 25 °C  
Special rules on packaging : Keep only in original container.

### SECTION 8: Exposure controls and personal protection

#### 8.1. Control parameters - exposure standards

| ethyl methyl ketone (78-93-3)                     |   |
|---|---|
| <b>Australia - Occupational Exposure Limits</b>   |   |
| Local name  | Methyl ethyl ketone (MEK; 2-Butanone)                         |
| OES TWA [1]                                       | 445 mg/m <sup>3</sup>   |
| OES TWA [2]                                       | 150 ppm   |
| OES STEL  | 890 mg/m <sup>3</sup>   |
| OES STEL [ppm]                                    | 300 ppm   |
| Regulatory reference                              | Workplace exposure standards for airborne contaminants (2019) |
| <b>New Zealand - Occupational Exposure Limits</b> |   |
| Local name  | Methyl ethyl ketone (MEK, 2-Butanone)                         |
| WES-TWA (OEL TWA) [1]                             | 445 mg/m <sup>3</sup>   |
| WES-TWA (OEL TWA) [2]                             | 150 ppm   |

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| ethyl methyl ketone (78-93-3)             |  |
|---|--|
| WES-STEL (OEL STEL)                       | 890 mg/m <sup>3</sup>  |
| WES-STEL (OEL STEL) [ppm]                 | 300 ppm  |
| Regulatory reference                      | Workplace Exposure Standards and Biological Exposure Indices, 12th Edition |
| New Zealand - Biological Exposure Indices |  |
| Local name                                | Methyl ethyl ketone (MEK)  |
| BEI                                       | 2 mg/l Parameter: MEK - 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)

Personal protective equipment : Gloves. Protective clothing. Safety glasses.  
Materials for protective clothing : Impermeable clothing  
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

#### 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 : Grey  
Odour : Odour threshold is subjective and inadequate to warn for overexposure.  
Mixture contains one or more component(s) which have the following odour:  
Sweet odour Acetone odour Pleasant odour Peppermint odour Fruity odour Mild odour  
Ether-like odour Odourless Irritating/pungent odour Alcohol odour Commercial/unpurified  
substance: unpleasant odour Aromatic odour Petroleum-like odour  
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: 0.731 g/cm<sup>3</sup>  
Solubility : insoluble in water. soluble in most organic solvents.  
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

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|                          |                     |
|--------------------------|---------------------|
| VOC content              | : 618 g/l           |
| VOC content - Regulatory | : No data available |
| Gas group                | : Press. Gas (Liq.) |
| Percent Solids           | : 15.43 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 |

| ethyl methyl ketone (78-93-3) |  |
|-------------------------------|--|
| LD50 oral rat                 | 2193 mg/kg bodyweight (Equivalent or similar to OECD 423, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit            | > 8100 mg/kg bw/day (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s)) |
| ATE AU (oral)                 | 2193 mg/kg bodyweight  |

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| Skin corrosion/irritation         | : Not classified                     |
| Serious eye damage/irritation     | : Causes serious eye irritation.     |
| Respiratory or skin sensitisation | : Not classified                     |
| Germ cell mutagenicity            | : Not classified                     |
| Carcinogenicity                   | : Not classified                     |
| Reproductive toxicity             | : Not classified                     |
| STOT-single exposure              | : May cause drowsiness or dizziness. |

| ethyl methyl ketone (78-93-3) |                                    |
|-------------------------------|------------------------------------|
| STOT-single exposure          | May cause drowsiness or dizziness. |
| STOT-repeated exposure        | : Not classified                   |
| Aspiration hazard             | : Not classified                   |

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|------------------------------|---------|
| 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  |

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| ethyl methyl ketone (78-93-3)                              |  |
|--|--|
| LC50 - Fish [1]  | 2993 mg/l Test organisms (species): Pimephales promelas  |
| EC50 - Crustacea [1]                                       | 308 mg/l Test organisms (species): Daphnia magna   |
| ErC50 algae  | 1972 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Growth rate) |
| Partition coefficient n-octanol/water (Log Pow)            | 0.3 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 40 °C)  |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0.654 – 1.281 (log Koc, SRC PCKOCWIN v2.0, Calculated value)   |

### 12.2. Persistence and degradability

| ethyl methyl ketone (78-93-3)   |  |
|---------------------------------|--|
| Persistence and degradability   | Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 2.03 g O <sub>2</sub> /g substance   |
| Chemical oxygen demand (COD)    | 2.31 g O <sub>2</sub> /g substance   |
| ThOD                            | 2.44 g O <sub>2</sub> /g substance   |

### 12.3. Bioaccumulative potential

| ethyl methyl ketone (78-93-3)                              |   |
|--|---|
| Partition coefficient n-octanol/water (Log Pow)            | 0.3 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 40 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0.654 – 1.281 (log Koc, SRC PCKOCWIN v2.0, Calculated value)                                    |
| Bioaccumulative potential                                  | Low potential for bioaccumulation (Log Kow < 4).  |

### 12.4. Mobility in soil

| ethyl methyl ketone (78-93-3)                              |   |
|--|---|
| Surface tension  | No data available in the literature   |
| Partition coefficient n-octanol/water (Log Pow)            | 0.3 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 40 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | See section 12.1 on ecotoxicology 0.654 – 1.281 (log Koc, SRC PCKOCWIN v2.0, Calculated value)  |
| Ecology - soil   | Highly mobile in soil. Slightly harmful to plants.  |

### 12.5. Other adverse effects

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

| POWERCAN PRIMER GREY AEROSOL  |       |
|-------------------------------|-------|
| Fluorinated greenhouse gases  | False |
| ethyl methyl ketone (78-93-3) |       |
| Fluorinated greenhouse gases  | False |

## SECTION 13: Disposal considerations

Regional legislation (waste) : Disposal must be done according to official regulations.

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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

#### 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

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### 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  
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

#### ethyl methyl ketone (78-93-3)

##### Hazardous Substances and New Organisms Act

|                      |           |
|----------------------|-----------|
| HSNO Approval Number | HSR001190 |
|----------------------|-----------|

#### 2,6-dimethylheptan-4-one; di-isobutyl ketone (108-83-8)

##### Hazardous Substances and New Organisms Act

|                      |           |
|----------------------|-----------|
| HSNO Approval Number | HSR001130 |
|----------------------|-----------|

#### n-butyl acetate (123-86-4)

##### Hazardous Substances and New Organisms Act

|                      |           |
|----------------------|-----------|
| HSNO Approval Number | HSR001091 |
|----------------------|-----------|



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| 2-methoxy-1-methylethyl acetate (108-65-6)        |           |
|---|-----------|
| <b>Hazardous Substances and New Organisms Act</b> |           |
| HSNO Approval Number                              | HSR001219 |

| carbon black (1333-86-4)                          |           |
|---|-----------|
| <b>Hazardous Substances and New Organisms Act</b> |           |
| HSNO Approval Number                              | HSR002801 |

| phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2) |  |
|---|--|
| <b>Hazardous Substances and New Organisms Act</b>             |  |
| HSNO Approval Number  | HSR001545(dilution)<br>HSR001571(dilution) |

| 1-butanol (71-36-3)                               |           |
|---|-----------|
| <b>Hazardous Substances and New Organisms Act</b> |           |
| HSNO Approval Number                              | HSR001096 |

| ethyl acetate (141-78-6)                          |           |
|---|-----------|
| <b>Hazardous Substances and New Organisms Act</b> |           |
| HSNO Approval Number                              | HSR001041 |

| LPG, liquefied, under pressure (68476-85-7)       |           |
|---|-----------|
| <b>Hazardous Substances and New Organisms Act</b> |           |
| HSNO Approval Number                              | HSR001009 |

| hydrocarbons, C9, aromatics (64742-95-6)          |           |
|---|-----------|
| <b>Hazardous Substances and New Organisms Act</b> |           |
| HSNO Approval Number                              | HSR001503 |

| fatty acids, C14-18 and C16-18-unsatd., maleated (85711-46-2) |           |
|---|-----------|
| <b>Hazardous Substances and New Organisms Act</b>             |           |
| HSNO Approval Number  | HSR002495 |

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 20/12/2021

| Classification |           |
|----------------|-----------|
| Aerosol 1      | H222;H229 |
| Eye Irrit. 2A  | H319      |
| STOT SE 3      | H336      |

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| Full text of H-statements |  |
|---------------------------|--|
| Acute Tox. 5 (Oral)       | Acute toxicity (oral), Category 5                                      |
| Aerosol 1                 | Aerosol, Category 1  |
| Eye Irrit. 2A             | Serious eye damage/eye irritation, Category 2A                         |
| Flam. Liq. 2              | Flammable liquids, Category 2  |
| STOT SE 3                 | Specific target organ toxicity – Single exposure, Category 3, Narcosis |
| H225                      | Highly flammable liquid and vapour                                     |
| H303                      | May be harmful if swallowed  |
| H319                      | Causes serious eye irritation  |
| H336                      | May cause drowsiness or dizziness                                      |

For professional use only.

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