



# WELD #2 ZINC RICH PRIMER AEROSOL (WELD/AL-AU)

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

Date of issue:12/04/2017

Revision date:23/11/2017

Supersedes: 12/04/2017

Version: 3.0

## DRIVING SURFACE PERFECTION

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

Product name : WELD #2 ZINC RICH PRIMER AEROSOL (WELD/AL-AU)  
Other means of identification : WELD/AL

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

Emergency telephone number : + (61) - 290372994

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

##### Classification (GHS-AU)

Flam. Aerosol 1 H222

Eye Dam. 1 H318

STOT SE 3 H336

#### 2.2. Label elements

Hazard pictograms (GHS-AU)



Flame

Corrosion

Exclamation mark

Signal word (GHS-AU) : Danger

Contains : toluene (< 5 %); 2-methylpropan-1-ol, iso-butanol (< 5 %); butan-1-ol (5 - 23 %); 1-methoxy-2-propanol, monopropylene glycol methyl ether (<10 %); Acetone (23 - 43 %)

Hazard statements (GHS-AU) : H222 - Extremely flammable aerosol.  
H318 - Causes serious eye damage.  
H336 - May cause drowsiness or dizziness.

Precautionary statements (GHS-AU) : P210 - Keep away from heat, hot surfaces, open flames, sparks. No smoking.  
P251 - Do not pierce or burn, even after use.  
P261 - Avoid breathing fume, spray, vapours.  
P280 - Wear eye protection, protective clothing, 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.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
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

Name	CAS-No.	Compound type	%
Acetone	67-64-1		23 - 43
butan-1-ol	71-36-3		5 - 23
1-methoxy-2-propanol, monopropylene glycol methyl ether	107-98-2		<10
2-methylpropan-1-ol, iso-butanol	78-83-1		< 5
bisphenol-A-(epichlorhydrin), epoxy resin	25068-38-6		< 5
toluene	108-88-3		< 5

# WELD #2 ZINC RICH PRIMER AEROSOL (WELD/AL-AU)

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

### SECTION 4: First aid measures

#### 4.1. Description of 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. Take off contaminated clothing. If skin irritation 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. Call a physician immediately. |
| 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 skin contact | : Irritation.                        |
| Symptoms/effects after eye contact  | : Serious damage to eyes.            |

#### 4.3. Indication of any immediate medical attention and special treatment needed

- |                                   |                          |
|-----------------------------------|--------------------------|
| Other medical advice or treatment | : Treat symptomatically. |
|-----------------------------------|--------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- |                              |                                  |
|------------------------------|----------------------------------|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. |
|------------------------------|----------------------------------|

#### 5.2. Special hazards arising from the substance or mixture

- |                  |   |
|------------------|---|
| Fire hazard      | : Extremely flammable aerosol.                |
| Explosion hazard | : Pressurised container: May burst if heated. |

#### 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

- |                      |   |
|----------------------|---|
| 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 material for containment and cleaning up

- |                         |  |
|-------------------------|--|
| For containment         | : Contain released substance, pump into suitable containers. Collect spillage. |
| Methods for cleaning up | : Mechanically recover the product.  |

### SECTION 7: Handling and storage, including how the chemical may be safely used

#### 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              | : Wash contaminated clothing before reuse. 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/personal protection

#### 8.1. Control parameters - exposure standards

# WELD #2 ZINC RICH PRIMER AEROSOL (WELD/AL-AU)

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

### Acetone (67-64-1)

Australia	Local name	Acetone
Australia	TWA (mg/m <sup>3</sup> )	1185 mg/m <sup>3</sup>
Australia	TWA (ppm)	500 ppm
Australia	STEL (mg/m <sup>3</sup> )	2375 mg/m <sup>3</sup>
Australia	STEL (ppm)	1000 ppm

### toluene (108-88-3)

Australia	Local name	Toluene
Australia	TWA (mg/m <sup>3</sup> )	191 mg/m <sup>3</sup>
Australia	TWA (ppm)	50 ppm
Australia	STEL (mg/m <sup>3</sup> )	574 mg/m <sup>3</sup>
Australia	STEL (ppm)	150 ppm

### 2-methylpropan-1-ol, iso-butanol (78-83-1)

Australia	Local name	Isobutyl alcohol
Australia	TWA (mg/m <sup>3</sup> )	152 mg/m <sup>3</sup>
Australia	TWA (ppm)	50 ppm

### 1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

Australia	Local name	Propylene glycol monomethyl ether
Australia	TWA (mg/m <sup>3</sup> )	369 mg/m <sup>3</sup>
Australia	TWA (ppm)	100 ppm
Australia	STEL (mg/m <sup>3</sup> )	553 mg/m <sup>3</sup>
Australia	STEL (ppm)	150 ppm

### butan-1-ol (71-36-3)

Australia	Local name	n-Butyl alcohol
Australia	OEL - Ceilings (mg/m <sup>3</sup> )	152 mg/m <sup>3</sup>
Australia	OEL - Ceilings (ppm)	50 ppm

## 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

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



Environmental exposure controls : Avoid release to the environment.

## 9.1. SECTION 9: Physical and chemical properties

Physical state : Liquid  
Appearance : Aerosol.

# WELD #2 ZINC RICH PRIMER AEROSOL (WELD/AL-AU)

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

Colour	: Metallic. Silver.
Odour	: No data available
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 (solid, gas)	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density	: No data available
Solubility	: Immiscible with water. soluble in most organic solvents.
Log Pow	: No data available
Viscosity	: No data available
Explosive properties	: Pressurised container: May burst if heated.
Explosive limits	: No data available
Minimum ignition energy	: No data available
VOC content - Regulatory	: No data available
Gas group	: Press. Gas (Liq.)

### 10.1. SECTION 10: Stability and reactivity

Reactivity	: Extremely flammable aerosol. Pressurised container: May burst if heated. 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.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 11.1. SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye damage.
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.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

#### WELD #2 ZINC RICH PRIMER AEROSOL (WELD/AL-AU)

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	: Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

# WELD #2 ZINC RICH PRIMER AEROSOL (WELD/AL-AU)

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

#### WELD #2 ZINC RICH PRIMER AEROSOL (WELD/AL-AU)

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

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

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

#### Acetone (67-64-1)

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

#### toluene (108-88-3)

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

#### 2-methylpropan-1-ol, iso-butanol (78-83-1)

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

#### 1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

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

#### butan-1-ol (71-36-3)

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

## SECTION 13: Disposal considerations

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

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. Proper Shipping Name - Addition

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

# WELD #2 ZINC RICH PRIMER AEROSOL (WELD/AL-AU)

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

:



### IATA

Transport hazard class(es) (IATA) : 2.1

Hazard 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

### 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, 959  
Limited quantities (IMDG) : SP277  
Excepted quantities (IMDG) : E0  
Packing instructions (IMDG) : P207, LP02  
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  
Stowage and segregation (IMDG) : Protected from sources of heat For AEROSOLS with a maximum capacity of 1 litre: Category A. Segregation as for class 9 but 'Separated from' class 1 except division 1.4. For AEROSOLS with a capacity above 1 litre: Category B. Segregation as for the appropriate sub-division of class 2. For WASTE AEROSOLS: Category C. Clear of living quarters. Segregation as for the appropriate sub-division of class 2.

### 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

# WELD #2 ZINC RICH PRIMER AEROSOL (WELD/AL-AU)

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

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

Hazchemcode	: Not applicable
-------------	------------------

## SECTION 15: Regulatory information

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

Listed on the AICS (Australian Inventory of Chemical Substances)	: Listed on the AICS (Australian Inventory of Chemical Substances)
--	--

### 15.2. International agreements

No additional information available

## SECTION 16: Any other relevant information

Revision date	: 23/11/2017
---------------	--------------

Classification:

Flam. Aerosol 1	H222
Eye Dam. 1	H318
STOT SE 3	H336

Full text of H-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Aerosol 1	Flammable aerosols, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
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, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

SDS Australia U-POL

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).