



# S2025W HIGH BUILD PRIMER WHITE (4:1)

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

DRIVING SURFACE PERFECTION

Date of issue:27/01/2017

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Version: 3.1

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : S2025W HIGH BUILD PRIMER WHITE (4:1)  
Product code : S2025W/3T

#### 1.2. Other means of identification

No additional information available

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

Recommended use : Primer

#### 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 Amara 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

#### 2.2. Label elements

Hazard pictograms (GHS AU) :



Signal word (GHS AU) : Warning

Hazard statements (GHS AU) : H226 - Flammable liquid and vapour.  
H315 - Causes skin irritation.

Precautionary statements (GHS AU) : P210 - Keep away from heat, hot surfaces, open flames, sparks. No smoking.  
P264 - Wash hands thoroughly after handling.  
P280 - Wear face protection, protective clothing, protective gloves.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

Unknown acute toxicity (GHS AU) : 4.4% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
reaction mass of ethylbenzene, m-xylene and p-xylene ( )		< 23	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304

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Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
n-butyl acrylate ( )	141-32-2	< 5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 STOT SE 3, H335
2-hydroxypropyl methacrylate ( )	923-26-2	< 5	Not classified
Other substances (not contributing to the classification of this product)		93.72 - 96.28	

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- 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 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.

#### 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. Carbon dioxide.

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

- Fire hazard : Flammable liquid and vapour.

#### 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

- Protective equipment : Safety glasses. Protective clothing. Gloves.
- Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. 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 product. Collect spillage.
- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

### 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. Avoid contact with skin and eyes.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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### 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.
Storage temperature	: < 25 °C
Storage area	: Store in well ventilated area.
Special rules on packaging	: Keep only in original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters - exposure standards

n-butyl acrylate (141-32-2)		
Australia	Local name	n-Butyl acrylate
Australia	TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Australia	TWA (ppm)	1 ppm
Australia	STEL (mg/m <sup>3</sup> )	26 mg/m <sup>3</sup>
Australia	STEL (ppm)	5 ppm
Australia	Remark (AU)	Sen - Respiratory and/or Skin Sensitiser.
New Zealand	Local name	Butyl acrylate
New Zealand	TWA (mg/m <sup>3</sup> )	52 mg/m <sup>3</sup>
New Zealand	TWA (ppm)	10 ppm
New Zealand	Remark (NZ)	sen (Sensitiser)
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

Personal protective equipment	: Gas mask. 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	: Air-fed respiratory protective equipment should be worn when this product is sprayed
Personal protective equipment symbol(s)	



Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous. Liquid.
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available

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Melting point / Freezing point	: Melting point : Not applicable
Boiling point	: No data available
Flash point	: 28 °C
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density	: Density : $\approx 1.67$ (1.65 - 1.69) g/cm <sup>3</sup>
Solubility	: insoluble in water. soluble in most organic solvents.
Log Pow	: No data available
Viscosity, kinematic	: $\approx 4191.617$ mm <sup>2</sup> /s
Viscosity, dynamic	: $\approx 7000$ (6500 - 7500) cP
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
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

n-butyl acrylate (141-32-2)	
LD50 oral rat	9050 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male, Weight of evidence)
LD50 dermal rabbit	2000 mg/kg bodyweight (24 h, Rabbit, Male, Experimental value)
LC50 inhalation rat (mg/l)	14.6 mg/l (4 h, Rat, Literature study)
LC50 inhalation rat (ppm)	2730 ppm (4 h, Rat, Literature study, Inhalation)

reaction mass of ethylbenzene, m-xylene and p-xylene	
LD50 oral rat	3523 mg/kg (EU Method B.1 (Acute Toxicity (Oral), rat, male)
LD50 dermal rabbit	12126 mg/kg (Weight of evidence, New Zealand White)
LC50 inhalation rat (ppm)	6350 ppm/4h (4 h, EU Method B.2 (Acute Toxicity (Inhalation)), rat, male, Inhalation, vapours)

Unknown acute toxicity (GHS AU)	: 4.4% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

reaction mass of ethylbenzene, m-xylene and p-xylene	
NOAEL (oral, rat, 90 days)	150 mg/kg bodyweight/day ( OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), female)

Aspiration hazard	: Not classified
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Viscosity, kinematic	≈ 4191.617 mm <sup>2</sup> /s

### 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

n-butyl acrylate (141-32-2)	
LC50 fish 1	1.81 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, GLP)
EC50 Daphnia 1	1.3 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
BCF other aquatic organisms 1	17.27 (BCFBAF v3.00, QSAR)
Log Pow	2.38 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)

reaction mass of ethylbenzene, m-xylene and p-xylene	
LC50 fish 1	3300 - 4093 µg/l
EC50 Daphnia 1	2930 - 4000 µg/l

2-hydroxypropyl methacrylate (923-26-2)	
Log Pow	0.56

#### 12.2. Persistence and degradability

n-butyl acrylate (141-32-2)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.91 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.674 g O <sub>2</sub> /g substance
ThOD	2.25 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.4

2-hydroxypropyl methacrylate (923-26-2)	
Persistence and degradability	Readily biodegradable in water.
ThOD	1.89 g O <sub>2</sub> /g substance

#### 12.3. Bioaccumulative potential

n-butyl acrylate (141-32-2)	
BCF other aquatic organisms 1	See section 12.1 on ecotoxicology
Log Pow	See section 12.1 on ecotoxicology
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

2-hydroxypropyl methacrylate (923-26-2)	
Log Pow	See section 12.1 on ecotoxicology
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

#### 12.4. Mobility in soil

n-butyl acrylate (141-32-2)	
Log Pow	See section 12.1 on ecotoxicology
Ecology - soil	No (test)data on mobility of the substance available.

2-hydroxypropyl methacrylate (923-26-2)	
Log Pow	See section 12.1 on ecotoxicology

#### 12.5. Other adverse effects

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

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Fluorinated greenhouse gases	False

n-butyl acrylate (141-32-2)	
Fluorinated greenhouse gases	False

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### reaction mass of ethylbenzene, m-xylene and p-xylene

Fluorinated greenhouse gases : False

### 2-hydroxypropyl methacrylate (923-26-2)

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.  
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



### 14.4. Packing group

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

### 14.5. Environmental hazards

Marine pollutant : No

### 14.6. Special precautions for user

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

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### 14.7. Additional information

Other information : No supplementary information available

#### 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

## SECTION 15: Regulatory information

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

No additional information available

#### Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR002662  
Group standard : Surface coatings and colourants

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

#### Hazardous Substances and New Organisms Act

HSNO Approval Number : HSR001151

### 15.2. International agreements

No additional information available

## SECTION 16: Any other relevant information

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Classification:

Flam. Liq. 3	H226
Skin Irrit. 2	H315

Full text of H-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 5 (Oral)	Acute toxicity (oral), Category 5
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
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.
H303	May be 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.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

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*For professional use only.*

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