



DRIVING SURFACE PERFECTION

TIGERSEAL PU ADHESIVE & SEALANT - BLACK

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations
Issue date: 14/12/2016 Revision date: 26/03/2021 Supersedes: 3/05/2019 Version: 2.0

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture
Trade name : TIGERSEAL PU ADHESIVE & SEALANT - BLACK
Product code : TIG/NB

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Adhesives, sealants

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 - 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 - 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)

Skin corrosion/irritation, Category 3 H316
Respiratory sensitisation, Category 1 H334

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Health hazard

Signal word (GHS AU) :

Danger

Contains

: 4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate (< 10 %); 4,4'-methylenediphenyl diisocyanate, oligomers (< 10 %); 4-isocyanatosulphonyltoluene; tosyl isocyanate (< 10 %)

Hazard statements (GHS AU) :

: H316 - Causes mild skin irritation
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements (GHS AU) :

: P261 - Avoid breathing fume, vapours.
P285 - In case of inadequate ventilation wear respiratory protection.
P304+P341 - IF INHALED: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P332+P313 - If skin irritation occurs: Get medical advice, medical attention.
P342+P311 - If experiencing respiratory symptoms: Call a doctor.
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

TIGERSEAL PU ADHESIVE & SEALANT - BLACK

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

This mixture does not contain any substances to be mentioned according to the applicable regulations

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. If experiencing respiratory symptoms: Call a poison center or a doctor.
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 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 inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: Irritation.

4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam.
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5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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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.
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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. Avoid contact with skin and eyes. Avoid breathing vapours, fume.

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 materials for containment and cleaning up

For containment	: Collect spillage. Contain released product, collect/pump into suitable containers.
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TIGERSEAL PU ADHESIVE & SEALANT - BLACK

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

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. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing vapours, fume.
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 : Store in a well-ventilated place. Keep cool.
Storage temperature : < 25 °C
Storage area : Keep out of direct sunlight. Store in a well-ventilated place. Protect against frost. Store in a dry area.
Special rules on packaging : Store in a closed container. Keep only in original container. dry.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

No additional information available

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 inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s)



Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Solid
Appearance : Paste.
Colour : Black
Odour : aromatic
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point / Freezing point : Freezing point: Not applicable
Boiling point : No data available
Flash point : > 100 °C
Auto-ignition temperature : > 200 °C

TIGERSEAL PU ADHESIVE & SEALANT - BLACK

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Flammability	: No data available
Vapour pressure	: Vapour pressure: < 100 hPa @ 20°C
Relative density	: No data available
Density	: Density: 1.23 g/cm ³ Relative density: Not applicable
Solubility	: insoluble in water. Reacts with water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Explosive properties	: No data available
Explosive limits	: Not applicable
Minimum ignition energy	: No data available
VOC content	: 97.6 g/l
VOC content - Regulatory	: No data available

SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Hydrogen chloride. Nitrogen oxides. Sulphur oxides.

SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes mild skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified.

TIGERSEAL PU ADHESIVE & SEALANT - BLACK

Viscosity, kinematic	Not applicable
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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

12.2. Persistence and degradability

No additional information available

TIGERSEAL PU ADHESIVE & SEALANT - BLACK

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

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

TIGERSEAL PU ADHESIVE & SEALANT - BLACK

Fluorinated greenhouse gases	False
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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) : Not regulated
UN-No. (IMDG) : Not regulated
UN-No. (IATA) : Not regulated

14.2. UN Proper Shipping Name

Proper Shipping Name (ADG) : Not regulated
Proper Shipping Name (IMDG) : Not regulated
Proper Shipping Name (IATA) : Not regulated

14.3. Transport hazard class(es)

ADG
Transport hazard class(es) (ADG) : Not regulated

IMDG
Transport hazard class(es) (IMDG) : Not regulated

IATA
Transport hazard class(es) (IATA) : Not regulated

14.4. Packing group

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

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

TIGERSEAL PU ADHESIVE & SEALANT - BLACK

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

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 : HSR002679

Group standard : Surface coatings and colourants

4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate (101-68-8)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR003218
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Xylene (1330-20-7)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR000983
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ethylbenzene (100-41-4)

Hazardous Substances and New Organisms Act

HSNO Approval Number	HSR001151
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15.2. International agreements

No additional information available

SECTION 16: Other information

Revision date : 26/03/2021

Classification

Skin Irrit. 3	H316
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Resp. Sens. 1	H334
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Full text of H-statements

Resp. Sens. 1	Respiratory sensitisation, Category 1
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Skin Irrit. 3	Skin corrosion/irritation, Category 3
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TIGERSEAL PU ADHESIVE & SEALANT - BLACK

Safety Data Sheet

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Full text of H-statements	
H316	Causes mild skin irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

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.