

Classified as non-hazardous according to criteria of Worksafe Australia

Section 1: Identification of the substance/mixture and of the company

1:1 Product Identifier

Product Name: WP MS-PU

Other Names: Modified Silane Polyurethane Sealant

Product Code: MS-PU

1:2 Relevant identified uses of the product

Application: Bond breaker for beneath
waterproofing membranes

1.3 Supplier details

Supplier: Adhesive Construction Technology Pty
Ltd (ABN: 65 167 149 233)

Address: 65 Dunn Rd Rocklea QLD 4106

Phone: 1300 794 321 | 07 3255 5601

Emergency Phone: 1300 794 321

The information contained in this safety data sheet is accurate on the date of issue and in accordance with the information available at that time. Persons dealing with products referred to in this safety data sheet do so at their own risk. ACT Australia accepts no liability whatsoever for damage or injury, however caused, arising from use of this information or of suggestions contained herein.

Section 2: Hazard Identification

2:1 Classification of product

Specific target organ toxicity, repeated exposure Category 2

Skin Irritation Category 2

Causes serious eye irritation Category 2A

Specific target organ toxicity, single exposure; Respiratory tract irritation Category 3



Signal Word: **WARNING**

Hazard Statements:

H373 May causes damage to organs through
prolonged or repeated exposure

H315 Causes skin irritation (uncured)

H319 Causes serious eye irritation (uncured)

H335 May cause respiratory irritation

Precautionary Statements:

P260	Do not breath fumes
P264	Wash skin thoroughly after handling
P280	Wear protective gloves, eye and face protection.
P264+P265	Wash hands thoroughly after handling.
P271	Do not touch eyes.
	Use only outdoors or in a well-ventilated area.

2.3 Other hazards

Other hazards: N/A

Section 3: Composition/Information on Ingredients

3:1 Mixtures

Proprietary blend of polymers, fillers and ingredients determined not hazardous.
Contains silica.

Chemical Name	CAS-No.	%	Hazard Classification
Calcium Carbonate	1317-65-3	30-60%	N/A
MS Polymers	75009-88-0	10-30%	N/A
Fumed Silica	7631-86-9	1-10%	Specific target organ toxicity, repeated exposure Category 2

Section 4: First Aid Measures

4:1 Description of first aid measures

Inhalation:	Move subject to fresh air. Monitor and consult a physician if concerned
Skin Contact:	Wash skin with plenty of soap and water. Remove contaminated clothing and launder before re-use
Eye Contact:	Flush eyes with large amount of water, holding eyelids apart. Consult a physician if irritation persists. Do not rub eyes
Ingestion:	Flush mouth with copious amounts of water. Consult a physician

4:2 Symptoms caused by exposure

Inhalation:

Excessive exposure to vapours may cause irritation or damage to lungs.

Skin Contact:

Adverse effects are not expected from a single, brief contact with product

However, prolonged or frequently repeated skin contact with this product may result in irritation or dermatitis

Eye Contact:

May be an irritant

Ingestion:

May affect digestive tract if swallowed

4:3 Medical Attention and Special Treatment

N/A

Section 5: Fire Fighting Measures

5:1 Suitable extinguishing media

dry powder, foam, carbon dioxide, water mist

5:2 Specific hazards

Hazardous and toxic fumes are emitted when the product decomposes.

5:3 Special protective equipment and precautions for fire fighters

Chemical resistant clothing should be used along with respiratory protection.

Section 6: Accidental Release Measures

6:1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes, Wear appropriate protective clothing, gloves, eye protection and facemask when handling uncured product. Avoid inhalation of fumes, Use only in well ventilated areas.

Emergency Procedures: N/A

6:2 Environmental precautions

Do not allow product to enter waterways. Dispose in accordance with local regulations.

6:3 Methods and materials for contaminant and cleaning up

Ensure appropriate PPE is used when cleaning wet product. Mix and absorb wet product with sediment. Dispose in accordance with local regulations.

Section 7: Handling and Storage

7:1 Precautions for safe handling

Wear appropriate protective clothing, gloves, eye protection and facemask. Avoid using in closed rooms, ensure adequate ventilation when using the product. Avoid inhalation of fumes by using appropriate mask

7:2 Conditions for safe storage, including any incompatibilities

Store in a cool dry ventilated location. Keep containers sealed. Do not store with incompatible materials

Incompatibilities: Water, Alcohols, Acids, Amines

Section 8: Exposure Controls and Personal Protection

8:1 Control parameters

The exposure limits for ingredients are listed below

Chemical Name	CAS No.	Exposure Limit	Type	References
Fumed Silica	7631-86-9	0.5mg/m ³	TWA	Worksafe QLD

8:2 Exposure controls

Provide adequate ventilation. Observe occupational exposure limits and minimise risk of inhalation & contact with skin & eyes

8:3 Personal protective equipment (PPE)

Suitable respiratory mask should be used at all times when handling uncured product

Wear protective gloves

Wear goggles/face shield

Wear protective clothing

The use of barrier cream is recommended

Remove all contaminated PPE carefully to avoid contact with skin or eyes. Wash contaminated clothing thoroughly before reuse. Wash skin with soap and water after work

Environmental exposure controls: Not available

Section 9: Physical and Chemical Properties

9:1 Physical and chemical properties

Appearance:	A thick grey paste
Odour:	Slight
Odour threshold:	N/A
Solubility in water	Insoluble
Flash point:	150 °C
Flammability limits:	Not Available
Stability:	Stable
Vapour pressure:	Not available
Specific gravity:	1.3-1.6
Boiling point:	150 °C
Volatile component:	N/A
Auto ignition temp	N/A

Section 10: Stability & Reactivity

10:1 Reactivity

None known

10:2 Chemical stability

Product is stable under normal temperature conditions

10:3 Conditions to avoid

High temperatures & Open flames

10:4 Incompatible materials and possible hazardous reactions

Incompatible materials: Water, Alcohol, Acids, Amines

Hazardous reactions: N/A

10:5 Hazardous decomposition products Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides, Nitrogen

Section 11: Toxicological Information

11:1 Information and symptoms related to exposure

Acute Toxicity:	No data available
Skin corrosion/irritation:	Prolonged or frequently repeated contact with skin may result in irritation.
Serious eye damage/irritation:	Prolonged or frequently repeated contact with eye may result in eye damage.
Respiratory or Skin Sensitisation:	Excessive exposure to vapours may cause irritation to eyes, nose & throat
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive Toxicity:	No data available
Specific Target Organ Toxicity (STOT) Single Exposure:	May cause coughing and irritation to airway of susceptible individuals
Repeated Exposure:	Repeated exposure over a long period of time may cause irritation to airway, skin and eyes or damage to organs.
Aspiration Hazard:	No data available

11.2 Numerical measures of toxicity

No data available

11.3 Immediate, delayed or chronic health effects from exposure

Immediate:	May be an irritant of the skin, eyes & throat
Delayed:	Allergic skin reaction, irritation, coughing wheezing & possible injury to eyes
Chronic:	May causes damage to organs through prolonged or repeated exposure

11.4 Exposure levels

Exposure levels:

N/A

11.5 Interactive effects

Inhalation:	Respiratory conditions such as asthma can increase risk of coughing and wheezing
Skin contact:	Sensitivity of the skin can lead to greater risk of allergic skin reactions

11.6 Data limitations

Data limitations:	N/A
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Section 12: Ecological Information

12:1 Ecotoxicity

This product is not expected to be hazardous to the environment

12:2 Degradability

No data available

12:3 Bio-accumulative potential

No data available

12:4 Mobility in soil

No data available

12:5 Other adverse effects

None known

Section 13: Disposal Considerations

Section 13:1 Safe disposal of product and packaging

Dispose of all waste in accordance with local regulations

Section 14: Transport Information

14:1 UN number:	None allocated
14:2 Proper shipping name:	None allocated
14:3 Transport hazard class:	None allocated
14:4 Packaging group:	None allocated
14:5 Environmental hazards:	N/A
14:6 Special transport precautions:	N/A
14:7 Hazchem code:	N/A

Section 15: Regulatory Information

15:1 Safety, health and environmental regulations specific to the product

N/A

15:2 Poisons schedule number

N/A

Section 16: Regulatory Information

This SDS has been prepared 26th November 2024. This SDS will be reviewed every 5 years. The latest version of this SDS will be available for download from actaus.com This SDS may change from time to time as new information becomes available or in the case of a change in formulation. This SDS is has been prepared as a new document to bring into line with Globally Harmonized System requirements.

16:2 Abbreviations and acronyms used in this SDS

GHS = Globally Harmonized System

HC - = Hazard Category

CAS = Chemical Abstract Service

N/A = Not Applicable

TWA = Time Weighted Average

USECHH = Use and Standard of Exposure Chemical Hazardous to Health.

STOT = Specific Target Organ Toxicity

STOT SE = Specific Target Organ Toxicity – Single Exposure

STOT RE = Specific Target Organ Toxicity – Repeated Exposure

mg/m3 = milligram per cubic metre

This SDS has been prepared using information provided by the manufactures of the ingredients contained in this product. This product is a mixture of ingredients.

.... END OF SDS

This SDS has been developed in accordance to Worksafe Australia/NOHSC guidelines