

MATERIAL SAFETY DATA SHEET

RIMSEAL DECKPRO 80 A

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: RIMSEAL DECKPRO 80A
Supplier: Adcrete Industries Pty Ltd
Address: 43 Grice Street, Clontarf, Queensland 4019
 Australia
Contact Details: National: Telephone: 07 3883 1888 Fax: 07 3883 1777
 International: +61 7 3883 1888 Fax: + 61 7 3883 1777
 Australian Poisons Information Centre: 131 126

Recommended Use:

Other Information:

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Since Adcrete Industries Pty Ltd cannot anticipate how the product will be handled by the user or under which conditions the product may be used, each use must, prior to usage, review this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.

2. HAZARDS IDENTIFICATION

PRODUCT CODE: DECK PRO 80A
UN NO: 1263
HAZCHEM CODE: NONE ALLOCATED
DANGEROUS GOODS CLASS: 3.2
SUBSIDIARY RISK: NONE ALLOCATED
POISONS CODE: NONE ALLOCATED

RISK PHRASES:

R10 Flammable
R20/21/22 Harmful by inhalation, contact with skin and if swallowed
R36/37/38 Irritating to eyes, skin and respiratory system
R42/43 May cause sensitization by inhalation and skin contact
S1/2 Keep locked and out of reach of children
S23 Do not breathe vapour or spray
S26 In case of contact with eyes rinse immediately with plenty of water and contact a doctor or Poisons Information Centre
S36/37 Wear suitable protective clothing and gloves
S45 In case of accident or you feel unwell, seek medical advice Immediately (show the label whenever possible)



POISONS CODE: 6



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3. COMPOSITION/INFORMATION ON INGREDIENTS

GENERAL COMPOSITION:

<u>NAME:</u>	<u>CAS No:</u>	<u>Proportion (%)</u>
Polyurethane Prepolymer		65/75%
N-Butyl Acetate	123-86-4	<20%
Xylene	1330-20-7	<30%
Chemical Additive	Proprietary	<10%

4. FIRST AID MEASURES

No known serious effects

SWALLOWED:	DO NOT Induce vomiting. If vomiting does occur keep head below hip to prevent aspiration. Causes irritation to gastrointestinal tract. May cause lung damage. Symptoms may include nausea, vomiting and diarrhoea. Seek immediate medical attention.
EYE:	May cause severe irritation and discomfort. If contact with the eye(s) occurs, irrigate eyes by flushing with generous amounts of water for at least fifteen (15) minutes. Seek immediate medical attention.
SKIN:	Causes irritation to skin. Symptoms include redness, itching and pain. Wash affected area with soap and copious amounts of water. Remove contaminated clothing and wash before re-use. Seek immediate medical attention.
INHALATION:	Inhalation risks are not expected if used in open or well-ventilated areas. Remove patient from contaminated area. Apply artificial respiration if necessary. Seek immediate medical attention.
FIRST AID FACILITIES:	Eye wash and safety shower.
ADVICE TO DOCTOR:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABILITY:	Combustible
FLASH POINT:	Not determined
HAZCHEM CODE:	Not applicable
FIRST AID FACILITIES:	Provide eye baths and safety showers. Clear fire area of all personnel. Eliminate all ignition sources. Ensure ventilation is sufficient to prevent a build-up of vapour. Allow trained personnel to attend a fire in progress, providing fire fighters with this Material Safety Data Sheet. Fire fighter must wear full protective equipment including self-contained breathing apparatus. Prevent extinguishing media from escaping to drains and waterways.
EXTINGUISHING MEDIA:	Extinguish with foam, water spray or fog. DO NOT use water in a jet. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
SPECIFIC HAZARDS:	Vapour is heavier than air and may spread along the ground causing distant ignition. Vapour can float and can be reignited on surface water. Toxic fumes including carbon monoxide may be evolved.



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6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION:	Wear protective clothing. Report spillage immediately.
ENVIRONMENTAL PROTECTION:	Dispose of in accordance with local regulations. Collect and deliver according to requirement of local authorities.
EMERGENCY PROCEDURES:	Clean up spills immediately. Prevent liquids from escaping to drains and waterways. Contain leaking packaging. Prevent vapours from building up in confined areas.
CONTAINMENT & CLEANUP:	Increase ventilation if possible. Contain spill using sand, earth, vermiculite or other suitable absorbent. Place contaminated absorbent in drums for disposal. Personal involved in clean up must use protective clothing and equipment. Dispose of in accordance with Local Regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment.
Precautions for safe storage:	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards:

	<u>TWA</u>	<u>STEL</u>
Isocyanate (as NCO)	0.02mg/m ³ sensitiser	0.07mg/m ³
Xylene	350mg/m ³	655mg/m ³

(TWA-Time Weighted Average-Maximum average airborne concentration experienced over an 8hr working day, for a 5 day working week over an entire working life.)

(STEL-Short Term Exposure Limit-Average airborne concentration over a 15 min. period which should not be exceeded at any time during a normal 8hr working day.)

ENGINEERING CONTROLS:	Use only in a well-ventilated area where the recommended exposure standards will not be exceeded.
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VENTILATION:	Provide general and/or local exhaust ventilation, depending on type of operations, to control airborne exposures.
PERSONAL PROTECTIVE EQUIPMENT:	Avoid contact with skin and eyes and avoid breathing vapours.
Eyes:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. Refer to Australian/New Zealand Standard AS/NZS 1337: for guidance on selection and use of protective eyewear.
Hands & Feet	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Refer to Australian/New Zealand Standard AS/NZS 2210 for guidance on selection and use of protective gloves.
Respiratory:	Suitable cartridge mask may be required if ventilation is insufficient to ensure the recommended exposure standards are not exceeded. Selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits. Refer to Australian/New Zealand Standard AS/NZS 1715:1994 for guidance on selection and use.
Skin:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure protective equipment is decontaminated before re-use. Refer to Australian/New Zealand Standard AS 2929 for guidance on selection and use.

Selection and use of personal protective equipment should be in accordance with recommendations in one or more of relevant

Australian Standards, including:

AS1336:	Recommended practices for eye protection in the industrial environment
AS/NZS 1337:	Eye protectors for industrial application
AS/NZS 1715:	Selection, use and maintenance of respiratory protective devices
AS 2161:	Industrial safety gloves and mittens (excluding electrical and medical gloves)
AS/NZS 2210:	Occupation protective footwear
AS 2919:	Industrial clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Coloured liquid
ODOUR:	Mild Aromatic odour
FREEZING POINT:	48°C
BOILING POINT:	138°C
VAPOUR DENSITY:	Heavier than air
SPECIFIC GRAVITY:	1.4 (@25°C)
SOLUBILITY IN WATER:	Not soluble
FLASH POINT:	N/A



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10. STABILITY AND REACTIVITY

Stability:	Stable under normal temperature conditions and recommended use. Reacts violently with strong oxidising agents.
Conditions to avoid:	Avoid exposure to high temperatures, open flames, sparks and other ignition sources. Prevent vapour accumulation.
Incompatible Materials:	Strong alkali, acids, oxidising agents, amines and water.
Hazardous Decomposition Products:	Thermal decomposition may occur at temperatures above flash point. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION

Specific data for this product is unavailable; the following information is based on tests with xylene, the main solvent in this product.

ACUTE ORAL TOXICITY:	Low toxicity – LD50 > 2000mg/kg, Rat aspiration into lungs when swallowed or vomited may cause chemical pneumonia which can be fatal.
ACUTE DERMAL TOXICITY:	Low toxicity – LD50 > 2000mg/kg. Classified as harmful under EC criteria, Rabbit.
ACUTE INHALATION TOXICITY:	Low toxicity – LD50 > 20mg/1 4, hours, Rat classified as harmful under EC criteria. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.
INHALATION CONTACT:	Inhalation vapours may cause irritation to the respiratory system.
SKIN CONTACT:	Irritating to skin. Frequent, prolonged contact may defect and dry the skin, leading to discomfort and Dermatitis.
EYE CONTACT:	Severe Irritation and discomfort to eyes.
SENSITISATION:	Not expected to be a skin sensitizer.
REPEATED DOSE TOXICITY:	Liver – can cause liver damage Kidney – can cause kidney damage Central Nervous System – repeated exposure affects the nervous system
MUTAGENICITY:	Not mutagenic.
CARCINOGENICITY:	Not carcinogenic in animal studies.
REPRODUCTIVE & DEVELOPMENT TOXICITY:	Does not impair fertility. Causes fetotoxicity in animal's doses which are maternally toxic.

12. ECOLOGICAL INFORMATION

Specific data for this product is unavailable; the following information is based on tests with xylene, the main solvent in this product.



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AQUATIC TOXICITY:

Fish Toxicity (rainbow trout, goldfish, bluegill)
Daphnia Magna EC50 (24hr)
Daphnia Magna EC50 (48hr)

LC50 (96hr): Toxic 1-10mg/1

No data available

Long term adverse effects to aquatic organisms are possible if continuous exposure maintained.

Blue-green algae (Toxicity threshold 7/8days)
Green algae (Toxicity threshold 7/8days)

No data available

Toxic: 1-10mg/1

PERSISTENCE/DEGRADABILITY:

This product can degrade rapidly in air. This substance is expected to be removed in wastewater treatment. Based on data for similar components or estimated data, this product is expected to biodegrade rapidly and be "readily" biodegradable according to OECD guidelines.

MOBILITY:

The product is highly volatile and will rapidly evaporate to the air if released into the water.

13. DISPOSAL CONSIDERATION

Dispose of waste according to State, Federal, and EPA regulations.

MATERIAL DISPOSAL:

Part containers can be gelled by mixing in a small amount of water, approximately 1-2%. Be careful not to add too much, as the product will foam and overflow. If setting the material with water, provide for the foaming by placing in a bunged/sealed are to prevent the foam from escaping to the surrounding environment. Care should be taken to ensure compliance with national and local authorities.

CONTAINER DISPOSAL:

Drain container thoroughly of uncured material or mix a little water into uncured material, as described above. After draining allow all remaining material to cure in a safe place away from sparks or fire. Ensure empty packaging can dry.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

ADG U.N. Number:	None Allocated.
ADG Proper Shipping Name:	None Allocated.
ADG DG Class:	None Allocated.
ADG Hazchem Code:	None Allocated.
ADG Packing Group:	None Allocated.

15. REGULATORY INFORMATION

COUNTRY/REGION:	Australia
INVENTORY:	AISC
STATUS:	Listed



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POISON SCHEDULE: 6

16. OTHER INFORMATION

Date of Preparation: MSDS November 2011
Date of revision: MSDS reviewed February 2018
Contact person/point: Technical Support:
Telephone: 61-7-38831888
Fax: 61-7-38831777
Australia Poisons Information Centre: 131126

MATERIAL SAFETY DATA SHEET

RIMSEAL DECKPRO 80 B

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: RIMSEAL DECKPRO 80B
Supplier: Adcrete Industries Pty Ltd
Address: 43 Grice Street, Clontarf, Queensland 4019
 Australia
Contact Details: National: Telephone: 07 3883 1888 Fax: 07 3883 1777
 International: +61 7 3883 1888 Fax: + 61 7 3883 1777
 Australian Poisons Information Centre: 131 126

Recommended Use:

Other Information:

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Since Adcrete Industries Pty Ltd cannot anticipate how the product will be handled by the user or under which conditions the product may be used, each use must, prior to usage, review this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

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2. HAZARDS IDENTIFICATION

PRODUCT CODE: DECK PRO 80B
UN NO: 1263
HAZCHEM CODE: NONE ALLOCATED
DANGEROUS GOODS CLASS: 3.2
SUBSIDIARY RISK: NONE ALLOCATED
POISONS CODE: NONE ALLOCATED
RISK PHRASES:
R10 Flammable
R20/21 Harmful by inhalation, contact with skin and if swallowed
R38 Irritating to eyes, skin and respiratory system
S2 Keep locked and out of reach of children
S23 Do not breathe vapour or spray
S25 In case of contact with eyes rinse immediately with plenty of water and contact a doctor or Poisons Information Centre



POISONS CODE: 6

3. COMPOSITION/INFORMATION ON INGREDIENTS

GENERAL COMPOSITION:

<u>NAME:</u>	<u>CAS No:</u>	<u>Proportion (%)</u>
Acrylic Urethane Polyol		20-40%

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Xylene
Non-hazardous ingredients

1330-20-7

<50%
to 100%

4. FIRST AID MEASURES

No known serious effects

SWALLOWED:

DO NOT Induce vomiting. If vomiting does occur keep head below hip to prevent aspiration. Causes irritation to gastrointestinal tract. May cause lung damage. Symptoms may include nausea, vomiting and diarrhoea. Seek immediate medical attention.

EYE:

May cause severe irritation and discomfort. If contact with the eye(s) occurs, irrigate eyes by flushing with generous amounts of water for at least fifteen (15) minutes. Seek immediate medical attention.

SKIN:

Causes irritation to skin. Symptoms include redness, itching and pain. Wash affected area with soap and copious amounts of water. Remove contaminated clothing and wash before re-use. Seek immediate medical attention.

INHALATION:

Inhalation risks are not expected if used in open or well-ventilated areas. Remove patient from contaminated area. Apply artificial respiration if necessary. Seek immediate medical attention.

FIRST AID FACILITIES:

Eye wash and safety shower.

ADVICE TO DOCTOR:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

PERSONAL PROTECTION:

Avoid contact with spilled or released materials. Wear protective clothing. Report spillage immediately. Remove all sources of ignition in the surrounding area.

ENVIRONMENTAL PROTECTION:

Dispose of in accordance with local regulations. Use appropriate containment to avoid environmental contamination. Collect and deliver according to requirement of local authorities.

EMERGENCY PROCEDURES:

Shut off leaks if possible without personal risk. Clean up spills immediately. Prevent liquids from escaping to drains and waterways. Contain leaking packaging. Prevent vapours from building up in confined areas. Remove all sources of ignition from surrounding area. Ensure electrical continuity by bonding and earthing all equipment.

CONTAINMENT & CLEANUP:

Increase ventilation if possible. Contain spill using suitable absorbent.

DO NOT flush residue with water.

Place contaminated absorbent in drums for disposal. Personal involved in clean up must use protective clothing and equipment. Dispose of in accordance with Local Regulations.

6. ACCIDENTAL RELEASE MEASURES



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PERSONAL PROTECTION:	Wear protective clothing. Report spillage immediately.
ENVIRONMENTAL PROTECTION:	Dispose of in accordance with local regulations. Collect and deliver according to requirement of local authorities.
EMERGENCY PROCEDURES:	Clean up spills immediately. Prevent liquids from escaping to drains and waterways. Contain leaking packaging. Prevent vapours from building up in confined areas.
CONTAINMENT & CLEANUP:	Increase ventilation if possible. Contain spill using sand, earth, vermiculite or other suitable absorbent. Place contaminated absorbent in drums for disposal. Personal involved in clean up must use protective clothing and equipment. Dispose of in accordance with Local Regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment.
Precautions for safe storage:	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS:	Use only in a well-ventilated area where the recommended exposure standards will not be exceeded.
VENTILATION:	Provide general and/or local exhaust ventilation, depending on type of operations, to control airborne exposures.
PERSONAL PROTECTIVE EQUIPMENT:	Avoid contact with skin and eyes and avoid breathing vapours.
Eyes:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. Refer to Australian/New Zealand Standard AS/NZS 1337: for guidance on selection and use of protective eyewear.
Hands & Feet	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.



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Respiratory:	Refer to Australian/New Zealand Standard AS/NZS 2210 for guidance on selection and use of protective gloves. Suitable cartridge mask may be required if ventilation is insufficient to ensure the recommended exposure standards are not exceeded. Selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits. Refer to Australian/New Zealand Standard AS/NZS 1715:1994 for guidance on selection and use.
Skin:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure protective equipment is decontaminated before re-use. Refer to Australian/New Zealand Standard AS 2929 for guidance on selection and use.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White liquid
ODOUR:	Mild Aromatic odour
FLAMABILITY LIMITS (%):	1-7.1
BOILING POINT:	N/A
VAPOUR DENSITY:	Heavier than air
SPECIFIC GRAVITY:	1.1 (@25°C)
SOLUBILITY IN WATER:	Not soluble
FLASH POINT:	N/A

10. STABILITY AND REACTIVITY

Stability:	Stable under normal temperature conditions and recommended use.
Conditions to avoid:	Avoid exposure to high temperatures, open flames, sparks and other ignition sources.
Incompatible Materials:	Strong oxidising agents.
Hazardous Decomposition Products:	Thermal decomposition may occur at temperatures above flash point. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION

Specific data for this product is unavailable; the following information is based on tests with xylene, the main solvent in this product.

A GENERAL INFORMATION:	No specific health warnings noted.
INHALATION:	Low toxicity – LC50>20mg/14 hours, Rat – Inhalation of vapours or mist may cause irritation to the respiratory system. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

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INGESTION: Expected to be low toxicity: LD50>2000mg/kg, Rat. - Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

SKIN CONTACT: Irritating to skin.

EYE CONTACT: Irritating to eyes.

HEALTH WARNINGS: Chronic: Central Nervous System – repeated exposure affects the nervous system.
Liver: can cause liver damage
Kidney: can cause kidney damage

12. ECOLOGICAL INFORMATION

ECO-TOXICITY: Fish – Toxic 1<LC/EC/IC50 <= 10mg/1
Aquatic Invertebrates - Fish – Toxic 1<LC/EC/IC50 <= 10mg/1
Algae - Fish – Toxic 1<LC/EC/IC50 <= 10mg/1

MOBILITY: This product floats on water, is highly mobile and may contaminate ground water.

BIOACCUMULATION: Does not bioaccumulate significantly.

DEGRADABILITY: Readily biodegradable. Oxidises by photo-chemical reactions in air.

13. DISPOSAL CONSIDERATION

Dispose of waste according to State, Federal, and EPA regulations.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

ADG U.N. Number: None Allocated.
ADG Proper Shipping Name: None Allocated.
ADG DG Class: None Allocated.
ADG Hazchem Code: None Allocated.
ADG Packing Group: None Allocated.

15. REGULATORY INFORMATION

COUNTRY/REGION: Australia
POISON SCHEDULE: 6

16. OTHER INFORMATION

Date of Preparation: MSDS November 2011
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