

Rockcote MicroFinish II Polyurethane Part A

Active From

15 May 2024

Classified as not hazardous according to criteria of Worksafe Australia

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Trade Names: Rockcote MicroFinish II Polyurethane Part A

Product Code: 7201

1.2 Relevant identified uses of the product

Application: Water based acrylic resin. Base for coating materials or adhesives for industrial and trade applications. Part A of a two part system.

1.3 Details of the supplier

Company Details: Rockcote Enterprises Pty Ltd (ABN 42 066 227 174)

Address: 18 Machinery Road, Yandina Qld 4561

Telephone/Fax: Tel (07) 5446 7737 Fax (07) 5446 8303

Emergency Telephone: 1300 736 668

Other Information: Note: For the most up-to-date information for this data sheet, please refer to the Rockcote website. www.rockcote.com.au

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. Rockcote accepts no liability whatsoever for damage or injury, however caused, arising from use of this information or of suggestions contained herein.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of product

This product is classified as: Not classified as hazardous according to the criteria of SWA.

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

Risk Phrases: Not Hazardous - No criteria found.

Safety Phrases: S23, S36, S24/25. Do not breathe vapours. Wear suitable protective clothing. Avoid contact with skin and eyes.

SUSMP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

UN Number: None allocated

2.2 Label element

Pictograms: Not relevant

Signal word: NONE. Not hazardous

Hazard statements: Not relevant

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Precautionary statements:	P262	Do not get in eyes, on skin, or on clothing.
	P281	Use personal protective equipment as required.
	P284	Wear respiratory protection
	P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	P352	Wash with plenty of soap and water.
	P370+P378	In case of fire: Use carbon dioxide (CO2), dry chemical or foam for extinction.
	P403+P235	Store in a well-ventilated place. Keep cool
	P404	Store in a closed container.
	P501	Dispose of contents/container in accordance with local / regional / national / international regulations.

2.3 Other hazards

Other hazards: Major Health Hazards: no significant risk factors have been found for this product.
Note: this product is mixed with Part B so please also read SDS for that product.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

%	CAS-No.	Chemical Name	Hazard Classification
-	-	-	-
30 approx	secret	Anionic polyacrylic resin	
<5	various	Other non hazardous ingredients	
75-80	7732-18-5	Water	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:	First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
Skin contact:	Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.
Eye contact:	No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.
Ingestion:	If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

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4.2 Symptoms caused by exposure

Inhalation:	Not relevant
Skin contact:	Not relevant
Eye contact:	Not relevant
Ingestion:	Not relevant

4.3 Medical attention, special treatment

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media

Extinguishing media: Not combustible. Use extinguishing media suited to burning materials.

5.2 Specific hazards

The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Fire decomposition products from this product are likely to be irritating if inhaled.

5.3 Special protection equipment and precautions for firefighters

Firefighters: If a significant quantity of this product is involved in a fire, call the fire brigade. Flash point: Does not burn.
Upper Flammability Limit: Does not burn.
Lower Flammability Limit: Does not burn.
Autoignition temperature: Not applicable - does not burn.
Flammability Class: Does not burn.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective glasses and, preferably, goggles.

If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8).

6.2 Environment precautions

Environment precautions: Not relevant

6.3 Methods and materials for containment and cleanup

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Cleaning up spillage:

Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses.

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Safe handling:

Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10

7.2 Conditions for safe storage, including any incompatibilities

Safe storage incompatibilities:

Not relevant

Safe storage:

Store packages of this product in a cool place. Make sure that containers of this product are kept tightly closed. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Case- No	Chemical Name	Exposure Limits	TypeReferences
-		Exposure limits have not been established by SWA for any of the significant ingredients in this product.	

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8.2 Exposure controls

Engineering measures:

This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Personal protection:

We suggest that protective clothing be made from the following materials: rubber, PVC.

Respiratory equipment:

N.B. The final choice of appropriate personal protection will vary according to individual circumstances. This can include methods of handling and engineering controls as determined by appropriate applicator risk assessment. Safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

Positive pressure air supplied full face respirator preferred for long term use for spray application (when mixed with PackB obviously). Cartridge filter mask complying with AS 1716 for organic vapours acceptable for short periods depending on risk assessment. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Devices.

Eye protection:

Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin protection:

The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

Hygiene measures:

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Environment exposure controls:

Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical and chemical properties

Appearance:

Liquid. No further details

Odour:

Mild odour

Odour threshold:

Not relevant

pH:

8.0 approx (as supplied)

Flash point:

Not relevant

Solubility in water:

Completely soluble in water

Stability:

Not relevant

Specific gravity:

1.07 to 1.31 at 20°C depending on pigmentation

Boiling point:

Approximately 100°C at 100kPa

Freezing/melting point:

No specific data. Liquid at normal temperatures

Vapour density:

As for water

Vapour pressure:

2.37 kPa at 20°C (water vapour pressure)

9.2 Other information

Volatile component:

Water component

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Auto ignition temp: Not applicable - does not burn

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

10.2 Chemical stability

Chemical stability:

10.3 Conditions to avoid

Conditions/materials to avoid: This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed.

10.4 Incompatible materials and possible hazardous reactions

Incompatible materials: Acids, bases, oxidising agents

Hazardous reactions: This product will not undergo polymerisation reactions.

10.5 Hazardous decomposition Products

Hazardous decomposition products: Fire Decomposition: Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information and symptoms related to exposure

Acute toxicity: Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.
Long Term Exposure: No data for health effects associated with long term ingestion.

Skin corrosion/irritation: No data available

Serious eye damage/irritation: Short Term Exposure: This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort.
Long Term Exposure: No data for health effects associated with long term eye exposure.

Respiratory or skin sensitisation: No data available.

Germ cell mutagenicity: No data available.

Specific Target Organ Toxicity (STOT)

Single exposure: There is no data to hand indicating any particular target organs

Repeated exposure: No data available.

Aspiration hazard: No data available.

11.2 Numerical Measures of Toxicity

Numerical measures: No data available.

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11.3 Immediate, delayed or chronic health effects from exposure

Immediate: No data available.

Delayed: No data available.

Chronic: No data available.

11.4 Exposure levels

Exposure levels: No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

11.5 Interactive effects

Inhalation: Short Term Exposure: Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin contact: Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be mildly irritating, but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases.

Long Term Exposure: No data for health effects associated with long term skin exposure.

11.6 Data limitations

Data limitations: Not relevant

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

EcoToxicity: Insufficient data to be sure of status.

12.2 Degradability

Degradability: Insufficient data to be sure of status.

12.3 Bio-accumulative potential

Bio-accumulative potential: Insufficient data to be sure of status.

12.4 Mobility in soil

Mobility in soil: Insufficient data to be sure of status.

12.5 Other adverse effects

Other adverse effects: Insufficient data to be sure of status.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste disposal

Waste disposal: Containers should be emptied as completely as practical before disposal. If possible, recycle product and containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

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UN number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

14.2 Proper shipping name

Proper shipping name: None allocated

14.3 Transport hazard class

Transport hazard class: None allocated

14.4 Packing group

Packing group: None allocated

14.5 Environmental hazards

Environmental hazards: Not relevant

14.6 Special precautions during transport

Special precautions during transport: Not relevant

14.7 Hazchem code

Hazchem code: Not relevant

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product

Regulations: AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

15.2 Poisons schedule number

Schedule number: Not relevant

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SECTION 16: OTHER INFORMATION

This SDS has been compiled on the date at the top of the first page. The SDS is reviewed every 5 years, the latest version is available on the Rockcote website. www.rockcote.com.au This SDS has been prepared as a completely renewed document to bring into line with the Code of Practice- Preparation of Safety Data Sheets for Hazardous Chemicals.

This SDS will be updated from time to time, whenever new information becomes available or if there is a formulation change.

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code especially firefighters	Emergency action code of numbers and letters that provide information to emergency services
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

This SDS summarises 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. Each user must review this SDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company so we can attempt to obtain information from our suppliers.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

Please read all labels carefully before using product.