

Rockcote MicroFinish I Epoxy Sealer Part B

Active From

15 May 2024

Classified as 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 Rockcote MicroFinish I Epoxy Sealer Part B
Other Names: This is Part B of a two part system
Product Code: 7200

1.2 Relevant identified uses of the product

Application: Surface coating applied by brush, roller or spray

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: Xi, Irritating. N, Dangerous to the environment.
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: R38, R41, R43, R51/53. Irritating to skin. Risk of serious damage to eyes. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment.
Safety Phrases: S2, S23, S28, S51, S61, S24/25, S37/39. Keep out of reach of children. Do not breathe spray mists. After contact with skin, wash immediately with plenty of soap and water. Use only in well ventilated areas. Avoid release to the environment. Refer to special instructions/Safety Data Sheets. Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection.
SUSMP Classification: None allocated.
ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria

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2.2 Label element

Pictograms:

Exclamation mark

Signal word:

WARNING

Hazard statements:

H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H411 Toxic to aquatic life with long lasting effects

Precautionary statements:

P102 Keep out of reach of children.
P261 Avoid breathing mist/vapours/spray.
P262 Do not get in eyes, on skin, or on clothing.
P264 Wash hands thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice.
P337+P313 If eye irritation persists: Get medical advice.
P362 Take off contaminated clothing and wash before reuse.
P370+P378 In case of fire: Use carbon dioxide (CO₂), dry chemical or foam for extinction.
P391 Collect spillage.
P402+P404 Store in a dry place. Store in a closed container.
P403+P235 Store in a well-ventilated place. Keep cool
P501 Dispose of contents/container in accordance with local / regional / national / international regulations.

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2.3 Other hazards

Other hazards: May cause serious damage to eyes, skin irritant, possible skin sensitiser

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
30-60	25068-38-6	Epoxy resin	.
10-20%	28064-14-4	Epoxy resin	.
Max 10	secret	Other non hazardous ingredients	
20-60	7732-18-5	Water	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation:	No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.
Skin contact:	Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.
Eye contact:	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.
Ingestion:	If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor

4.2 Symptoms caused by exposure

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

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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 1126 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

Fire and Explosion 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. This product is likely to decompose only after heating to dryness, followed by further strong heating.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures

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:

Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products.

6.2 Environment precautions

Environment precautions:

This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage.

6.3 Methods and materials for containment and cleanup

Cleaning up spillage:

In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

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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. Keep containers dry and away from water. Keep containers of this product in a well ventilated area. 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.

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. No special equipment is usually needed when occasionally handling small quantities.	.

8.2 Exposure controls

Engineering measures:

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

Personal protection:

Protective Material Types: We suggest that protective clothing be made from the following materials: PVC, neoprene.

Respiratory equipment:

Usually, no respirator is necessary when applying this product by roller. However, if you have any doubts consult the Australian Standard mentioned above. If spraying, use mask in accordance with AS/NZ-1715. 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. Eyebaths or eyewash stations and safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

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Hand protection:

Eye protection:

Protective glasses or goggles must be worn when this product is being used. Failure to protect your eyes may lead to severe harm to them or to general health. Emergency eye wash facilities must also be available in an area close to where this product is being used.

Skin protection:

If you believe you may have a sensitisation to this product or any of its declared ingredients, you should prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.

Hygiene measures:

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Environment exposure controls:

Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical and chemical properties

Appearance:

Viscous white liquid

Odour:

No data re odour.

Odour threshold:

Not relevant

pH:

Not relevant

Flash point:

Not relevant

Solubility in water:

Miscible

Stability:

Not relevant

Specific gravity:

1.09

Boiling point:

Approx 100°C at 100kPa

Freezing/melting point:

No specific data. Liquid at normal temperatures.

Vapour density:

No data

Vapour pressure:

2.37 kPa at 20°C (water vapour pressure)

9.2 Other information

Volatile component:

40.7% by volume (Predominantly water component)

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.

10.3 Conditions to avoid

Conditions/materials to avoid:

This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Containers should be kept dry. Keep containers and surrounding areas well ventilated.

10.4 Incompatible materials and possible hazardous reactions

Incompatible materials:

Oxidising agents

Hazardous reactions:

This product will not undergo polymerisation reactions

10.5 Hazardous decomposition Products

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Hazardous decomposition products: This product is likely to decompose only after heating to dryness, followed by further strong heating. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form hydrogen chloride gas, other compounds of chlorine. 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:

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also become evident, but all should disappear once exposure has ceased.

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

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA. NTP: No significant ingredient is classified as carcinogenic by NTP. IARC: No significant ingredient is classified as carcinogenic by IARC.

Skin corrosion/irritation:

No data available

Serious eye damage/irritation:

Short Term Exposure: This product is a severe eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms such as swelling of eyelids and blurred vision may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment is likely to cause permanent damage.

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

Respiratory or skin sensitisation:

Persons sensitised to Epoxy resins should avoid contact with this product.

Germ cell mutagenicity:

No data available.

Specific Target Organ Toxicity (STOT)

Single exposure:

There is no data to hand indicating any particular target organs. Epoxy Resin is classed by SWA as a potential sensitiser by skin contact

Repeated exposure:

No data available.

Aspiration hazard:

No data available.

11.2 Numerical Measures of Toxicity

Numerical measures:

Ingredient: Epoxy Resin. Risk Phrases: Conc>=5%: Xi; R36/38; R43

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

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Exposure levels:

No data available.

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: Classified as a potential sensitiser by skin contact. Exposure to a skin sensitiser, once sensitisation has occurred, may manifest itself as skin rash or inflammation, and in some individuals this reaction can be severe. In addition product is a skin irritant. Symptoms may include itchiness and reddening of contacted skin.

Other symptoms may also become evident, but all should disappear once exposure has ceased.

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:

Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment.

12.2 Degradability

Degradability:

No data available.

12.3 Bio-accumulative potential

Bio-accumulative potential:

No data available.

12.4 Mobility in soil

Mobility in soil:

No data available.

12.5 Other adverse effects

Other adverse effects:

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste disposal

Waste disposal:

Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

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.