



## SAFETY DATA SHEET

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	<b>Limestone &amp; Sandstone Sealer</b>
<b>Synonyms</b>	S - Series
<b>Relevant identified uses of the substance or mixture and uses advised against.</b>	
<b>Identified uses</b>	Surface coating.
<b>Supplier detail</b>	
<b>Company Name</b>	BG Coatings )Pty) Ltd.
<b>Address</b>	U4/34 Truganina Road. Malaga, Perth. Western Australia. 6090
<b>Emergency Telephone</b>	+61 (0) 0413-422-489
<b>Facsimile</b>	
<b>National Contact</b>	Mr A Schule

### SECTION 2. HAZARD IDENTIFICATION

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

#### Classification of the substance or mixture

Skin Corrosion/Irritation - Category 1A

Serious Eye Damage/Irritation - Category 1

#### Pictograms



<b>Signal word</b>	Danger
<b>Hazard Statements</b>	H217 - May cause an allergic skin reaction. H314 - Causes severe skin burns and eye damage.

#### Precautionary Statements

General	P101 - If medical advice is needed, have product container or label at hand.
	P102 - Keep out of reach of children.
	P103 - Read label before use.

Preventative	P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
	P264 - Wash hands thoroughly after handling.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response	P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - If on skin (or hair): take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
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P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor/physician.

P363 - Wash contaminated clothing before reuse.

Storage

P405 - Store locked up.

Disposal

P501 - Dispose of contents/container in accordance with local, regional, national and international regulations.

Other hazards which do not Result in classification: None identified.

## SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

### CAS number/other identifiers

Chemical entity	CAS number	% (weight)
Potassium methyl silicate	31795-24-1	1 - 10
Water	1732-18-5	<70
Ingredients determined to be Non-Hazardous		Balance

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

## SECTION 4. FIRST AID MEASURES

### Description of necessary measures according to routes of exposure.

Eye contact	Immediately flush eyes for at least 15 minutes with copious quantities of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	Remove contaminated clothing and shoes. Wash contaminated skin with soap or a recognised skin cleaner and plenty of water. Continue to rinse for at least 10 minutes. Avoid the use of solvents. Get medical attention if symptoms persist. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe.

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Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## Most important symptoms/ effects, acute and delayed

### Potential acute health effects

Eye contact	Causes serious eye irritation.
Inhalation	Harmful if inhaled.
Skin contact	Harmful in contact with skin. Causes skin irritation.
Ingestion	No information available.

### Over-exposure signs/symptoms

Eye contact	Adverse symptoms may include pain or irritation, watering or redness. Can cause serious eye damage.
Inhalation	Adverse symptoms may include nausea or vomiting, headache, respiratory irritation, drowsiness/fatigue or dizziness/vertigo.
Skin contact	Adverse symptoms may include severe skin burns.
Ingestion	No information available.

## Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

## See toxicological information (Section 11)

### SECTION 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media</b>	If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).
<b>Specific hazards arising from the chemical</b>	Non-combustible material.
<b>Other advice</b>	Not applicable.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate unnecessary personnel.
For emergency responders	If specialised clothing is required to deal with the spillage, take note of information contained in Section 8.
Environmental precautions	Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment.

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## Methods and materials for containment and cleaning up

Small spill	Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.
Large spill	Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services. Note: see section 1 for emergency contact information and section 13 for waste disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for safe handling

Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols.  
Do not mix with acids.  
Avoid release to the environment.

### Conditions for safe storage, Including any Incompatibilities

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Store locked up. Keep containers tightly closed when not in use.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Guidelines</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits specific by Safe Work Australia.
<b>Occupational exposure limits</b>	Natural ventilation should be adequate under normal use conditions.
<b>Personal Protection Equipment:</b>	
<b>Eye protection</b>	Chemical goggles or face shield.
<b>Skin and body protection</b>	Wear suitable protective clothing. Wear clean body-covering clothing; impervious gloves such as neoprene. Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Wash skin promptly upon any skin contact.
<b>Respiratory protection</b>	Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified dust and mist (orange cartridge) respirator.
<b>Hygiene measures</b>	Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid.
<b>Colour:</b>	Clear.
<b>Odour:</b>	No data available.
<b>Solubility in water:</b>	Soluble.
<b>Specific Gravity:</b>	~ 1.030 Kg/l
<b>Relative Vapour Density (air=1):</b>	No data available.
<b>Vapour Pressure (20 °C):</b>	No data available.
<b>Flash Point (°C):</b>	Non Flammable.
<b>Lower and upper explosive (flammable) limits:</b>	No data available.
<b>Auto ignition Temperature (°C):</b>	No data available.
<b>Melting Point/Freezing point (°C):</b>	0
<b>Boiling Point/Range (°C):</b>	100
<b>Decomposition Point (°C):</b>	No data available.
<b>PH:</b>	11 - 12
<b>Evaporation Rate:</b>	No data available.
<b>VOC g/L:</b>	0%

## SECTION 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	Elevated temperatures and sources of ignition.
<b>Incompatible materials:</b>	Incompatible with strong acids and bases. Incompatible with oxidizing agents.
<b>Hazardous decomposition products:</b>	Oxides of carbon and nitrogen, smoke and other toxic fumes.
<b>Hazardous reactions:</b>	Strong exothermic reaction with acids.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Information on the likely routes of exposure: Inhalation, ingestion, skin and eye contact.**

### Potential acute health effects

Eye contact	: Corrosive to eyes. May cause irreversible damage and burns to eyes.
Skin contact	: Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.
Inhalation	: Harmful if inhaled. Material may be an irritant to mucous membranes and respiratory tract.
Ingestion	: Harmful if swallowed. Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

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## SECTION 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.




<b>Acute aquatic hazard</b>	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L
<b>Long-term aquatic hazard</b>	This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.
<b>Ecotoxicity</b>	No information available.
<b>Persistence and degradability</b>	No information available.
<b>Bio accumulative potential</b>	No information available.
<b>Mobility</b>	No information available.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods** : Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 8 for Exposure Controls and Personal Protection of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

## SECTION 14. TRANSPORT INFORMATION

Designation	Land Transport (ADG)	Marine Transport (IMO/ IMDG)	Air Transport (IATA)
<b>UN number</b>	3267	3267	3267
<b>UN proper shipping name</b>	Corrosive liquid, basic, organic, n.o.s. (Potassium Methyl Silicate)		
<b>Transport hazard class</b>	8	8	8
<b>Labels required</b>			
<b>Hazchem</b>	•2X	•2X	•2X
<b>Packing group</b>	II	II	II
<b>Marine pollutant</b>	No	No	No
<b>Additional information</b>	No data available.	Emergency schedules (EmS) F-A, S-B	No data available.

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## SECTION 15. REGULATORY INFORMATION

### Safety, health and environmental regulations specific for the product.

Information compiled with reference to raw material safety data sheets.

This material/constituent(s) is covered by the following requirements:

- The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).
- All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC).

**HSNO Group Standard:** HSR002658 - Surface Coatings and Colourants (Corrosive) Group Standard 2006

## SECTION 16. OTHER INFORMATION

### History

**Date of printing** : 19 April 2023  
**Date of previous issue** : Not applicable.

### Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

### Notice to readers:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

### Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be only used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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