

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: SL30 Self Leveler
Other Names: RB2.20
Recommended Use: Cementitious compound for levelling floors
Company Name: Rockbond SCP
Address: 7 Te Puni St, Petone, Wellington, New Zealand

Telephone: (04) 5685401 – Available Monday – Friday 8.00am – 5.00pm.

New Zealand Poisons Centre: 0800 764 766

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification This product is hazardous according to the criteria of the ASCC. All Classification components are listed on the AICS. Not classified as Dangerous goods according to the ADG Code. Not a scheduled poison according to SUSDP. Contains crystalline silica, a category 1 carcinogen.

Risk Phrase(s) R20 Harmful by inhalation
R36/37/38 Irritating to eyes, respiratory system and skin.
R41 Risk of serious damage to eyes.
R49(1) May cause cancer by inhalation
R66 Repeated exposure may cause skin dryness and cracking.

Safety Phase(s) S22 Do not breathe dust
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with [plenty of water and seek medical advice].
S28 After contact with skin, wash immediately with plenty of water.
S36/37 Wear suitable protective clothing and gloves.
S38 If insufficient ventilation, wear suitable respiratory equipment.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENT

Ingredient:	Name	CAS	Proportion
	Silica sand	14808-60-7	40 - 80%
	Portland cement	65997-15-1	20 - 50%
	Additives	Trade Secret	< 10%

SECTION 4. FIRST AID MEASURES

Eye: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Swallowed: Wash mouth and lips with water. DO NOT induce vomiting. Give water to dilute stomach contents. Seek medical attention if symptoms persist.
Skin: Wash immediately with tepid soapy water.
Inhaled: Remove from point of exposure to fresh air.
Advice to doctor: Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher: All extinguishing media can be used. Material will not ignite readily
Hazards from Combustion products: On exposure to high temperature, may decompose, releasing toxic gases.

Fire/Explosion Hazard	Auto Ignition Temp	Lower Explosion Limit	Upper Explosion Limit
Low hazard	n/a	n/a	n/a

Hazchem Code: None Allocated
Flash Point: None Allocated

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Methods and Materials for Containment and Clean up:

Clean up any spills as soon as possible. Shovel up and place in suitable container for disposal. Only dispose of at approved disposal sites. Follow local regulations.

Environmental:

Notify authorities if product enters sewers or public waterways.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Avoid damaging packaging.

Conditions for safe storage including any incompatibilities:

Always use protective gloves / clothing when handling. Store in a cool dry place, undercover away from moisture. Store away from oxidising agents and acids.

Storage Temperatures Min 0 deg C Max 40 deg C.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards:

Name	TWA	STEL
Crystalline Silica	0.1 mg/m ³	n.est
Portland Cement	10mg/m ³	n.est

Engineering Controls:

Personal Protection:

Use in a well ventilated area

Respirator Type (AS 1716):

Class P1 or dust Mask. Once product is mixed with water no special respiratory protection is required.

Eye Protection:

Wear safety goggles.

Glove Type:

Wear protective rubber gloves.

Clothing:

Wear protective overalls.

Footwear:

Wear safety boots.

Work/Hygienic:

Wash hands and other exposed areas with soap and water before eating, drinking and smoking. Use barrier cream to protect skin.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form	SG	pH	Solubility in Water	VOC
Grey powder	Solid	approx. 1.5	(1:1 with water) >11	Reacts forming an alkaline (caustic) product	< 1g/L

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability:

Product is considered stable under normal storage and handling conditions. On exposure to high temperature, may decompose, releasing toxic gasses. Incompatible with strong acids

Conditions to avoid:

Damp cold environments.

Incompatible Materials:

Hazardous Reactions: Will harden on exposure to moisture. Large quantities will exotherm when mixed with water.

SECTION 11. TOXICOLOGICAL INFORMATION

Chronic Effects:

Long term exposure to high dust concentration may cause changes in lung function. ie. Pneumoconiosis; caused by particles less than 0.5 microns penetrating and remaining in the lung. Prime symptom is breathlessness; lung shadows show on X-ray. There is some evidence that inhaling this product (in dry powder form) is more likely to cause a sensitisation reaction in some persons compared to the general population. There is limited evidence that, skin contact with this product is more likely to cause a sensitisation reaction in some persons compared to the general population. Respiratory sensitisation may result in allergic/asthma like responses; from coughing and minor breathing difficulties to bronchitis with wheezing, gasping.

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SECTION 12. ECOLOGICAL IDENTIFICATION

Do not allow this product to enter the environment – in particular waterways.
No specific data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Special precautions for landfill or incineration:

Consult manufacturer for recycling options and recycle where possible.

Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

SECTION 14. TRANSPORT INFORMATION

UN Number: None allocated

UN Proper Shipping:

Subsidiary Risk

Hazard Category: Toxic, Irritant

Poison schedule: n/a

Packing Group n/a

DG Class: n/a

HAZCHEM Code: n/a

SECTION 15. REGULATORY INFORMATION

Group Standard: Not applicable

Approved Handler: Not required

SECTION 16. OTHER INFORMATION

Date of preparation:

Literature references: 14.03.2016

Abbreviations: MSDS's for individual raw materials

CAS No

TWA Chemical Abstract Service Registry
Threshold limit value

Safety data sheets are updated regularly; please ensure that you have a current copy.

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