

MATERIAL SAFETY DATA SHEET

Section 1: Identification

Product name:	Rockbond Thixotropic Admix A101
Recommended use:	Admixture for cement and concrete
Company details:	Rockbond SCP Ltd
Address:	7 Te Puni Street, Petone, Lower Hutt, Wellington, New Zealand 5012
Telephone Number:	0800 76 25 26
Emergency telephone number:	0800 76 25 26 (Hours of Operation 7.30am to 5pm Monday - Friday)
Date of preparation:	January 2024

Section 2: Hazards Identification

Hazard classification:	Irritating to the eyes, respiratory tract and skin.
Safety phrases:	S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39- Wear suitable protective clothing, gloves and eye/face protection. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Precautionary statements	
Prevention :	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep away from flames and hot surfaces.
Response :	IF exposed or concerned: Get medical advice/attention.
Storage :	Store locked up. Store in a well-ventilated place. Keep cool.
Disposal :	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Other hazards which do not result in classification:	None known.

Section 3: Composition/information on ingredients

Substance/Mixture: Mixture.

CAS number/other identifiers

CAS number: Not applicable.

EC number: Mixture.

Product Code: 6.30

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 first-aid measures**

Inhalation: Remove patient from source of exposure. In the event of respiratory difficulties, obtain medical assistance.

Ingestion: If swallowed, do not induce vomiting, but wash out the mouth and give the patient 1 or 2 glasses of water to drink. If large amounts have been swallowed or symptoms develop seek medical advice.

Skin Contact: If skin contact occurs, thoroughly wash the affected area with soap and water. If irritation, soreness or other skin problems occur, seek medical advice.

Eye contact: In the event of eye contact, irrigate the eyes quickly and thoroughly with plenty of clean water. Obtain medical advice without delay.

Section 5: Fire-fighting measures**Extinguishing media**

Not applicable – powders are non flammable.

Section 6: Accidental release measures

Large spill: Treat as a common mess. Sweep up and clear up the powder with a broom, dustpan and brush, and dispose of sensibly. Wear protective clothing. The use of water is not recommended.

Personal Precautions: Do not breathe dust. Wear protective clothing.

Environmental Precautions: Do not allow spillages to enter watercourses or streams.

Section 7: Handling and storage

Wear protective clothing. No special requirements necessary but keep dry.

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits

Total inhalable dust – 10mg/m³ 8 hour time weighted average.
Respirable dust – 5mg/m³ 8 hour time weighted average.

Recommended monitoring procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering exposure controls:

Dust can cause irritation. Use in well ventilated areas, or install dust extraction systems to carry dust away from operatives.

Personal exposure Controls:

Avoid ingestion by taking sensible precautions: where airborne dust is present, wear a dust mask. Goggles must be worn whenever there is a risk of the cement powder, or water/cement mixes, entering the eyes. Protective clothing must be worn, particularly gloves, that are effective at keeping out cement dust and water. Whenever airborne cement powder is present, dust masks must be worn, particularly if the exposure is prolonged.

Section 8: Exposure controls/personal protection

Individual protection measures

Hygiene measures:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Respiratory protection:	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or
Eye protection:	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.
Skin protection:	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.
Hand protection:	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.

Section 9: Physical and chemical properties

Appearance

Physical State:	Powder
Colour:	Off-white
Odour:	None.
Odour threshold:	Not available.
pH:	12
Melting point:	Not applicable
Boiling point:	Not applicable
Flash point:	Not applicable
Burning rate:	Not applicable.
Burning time:	Not applicable.
Evaporation rate:	Not available.
Flammability (solid,gas):	Not available.
Lower and upper explosive (flammable) limits:	Not applicable.
Vapour pressure:	Not applicable.
Relative density:	Not available.
Solubility in water:	Mostly.
Partition coefficient: n-Octanol/water:	Not available.
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	Not available.
Viscosity:	Not available.

Section 10: Stability and reactivity

Chemical stability:	The product is stable under normal conditions of use.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	Strong oxidising agents and acids.
Incompatible materials:	No specific data.
Hazardous decomposition products:	Carbon Dioxide

Section 11: Toxicological information

Information on the likely routes of exposure

Inhalation:	Can cause irritation of mucous membranes and respiratory tract.
Ingestion:	Ingestion of large doses may result in the corrosion of the mucous membranes of the gastrointestinal tract.
Skin contact:	Contact with the skin may cause irritation, dryness and cracking.
Eye contact:	Can cause irritation and inflammation to the eyes. In severe cases, there is a risk of corneal damage, but permanent damage is unlikely.

Delayed and immediate effects and also chronic effects from short and long term exposure

Acute toxicity:	Not available.
Irritation/Corrosion:	Not available.
Sensitisation:	Not available.
Teratogenicity:	No known significant effects or critical hazards.
Developmental effects:	No known significant effects or critical hazards.
Fertility effects:	No known significant effects or critical hazards.
Chronic toxicity:	Not available.
Carcinogenicity:	Not available.
Mutagenicity:	Not available.
Teratogenicity:	Not available.
Reproductive toxicity:	Not available.
Specific target organ toxicity:	Not available.
Aspiration hazard:	Not available.

Numerical measures of toxicity

Acute toxicity estimates:	Not available.
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Section 12: Ecological information

Ecotoxicity:	No known significant effects or critical hazards.
Aquatic and terrestrial toxicity:	May be harmful to aquatic organisms in high concentrations.
Persistence/degradability:	Not available.
Bioaccumulative potential:	Not available.
<u>Mobility in soil</u>	
Soil/water partition	
Coefficient (Koc):	Not available.
Other adverse effects:	No known significant effects or critical hazards.

Section 13: Disposal considerations

Disposal methods:	Dispose of as controlled waste, and to local authority regulations.
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Section 14: Transport information

No classified as a hazardous material for transportation.

Section 15: Regulatory information

New Zealand Inventory of Chemicals (NZIoC):	All Components are listed or exempted.
HSNO Approval Number:	
HSNO Group Standard:	
HSNO Classification:	8.3A, 8.2C
Australia Inventory (AICS):	All components are listed or exempted.
Safety, health and Environmental regulations specific for the product:	No known specific national and/or regional regulations applicable to this product (including its ingredients).

Section 16: Other information**History**

Date of printing: 12.01.2024
Date of issue/Date of revision: 12.01.2024
Date of previous issue: January 2022
Version: 5

Key to abbreviations:

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
UN = United Nations

References: Not available.

Notice to reader

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.