

SAFETY DATA SHEET



ChemConcrete^{WP} Waterproofing Admixture

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3.0

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00003011

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material Name: ChemConcrete^{WP} Waterproofing Admixture
Manufacturer/Supplier: CHEM CONCRETE PTY LTD
Address: 16 Caird Place, Seven Hills, NSW 2147.
E-mail: sales@chemconcrete.com.au
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SECTION 2. HAZARDS IDENTIFICATION

GHS Classification:

Not a hazardous substance or mixture.

GHS label elements Symbol(s)

None. Not a hazardous substance or mixture.

Other hazards which do not result in classification

None known.

Signal Word

Not Dangerous.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

CAS #	Component	Concentration (% w/w)
69012-64-2	Amorphous silicon dioxide	>= 40 -<=50

General Product Information

ChemConcrete^{WP} Admix is an integral waterproofing and durability-enhancing admixture for concrete protection. Primary raw materials include blended chemicals along with fatty acids.



SECTION 4. FIRST AID MEASURES

General advice:	No hazards which require special first aid measures.
If inhaled:	Move to fresh air.
In case of eye contact:	Flush eyes with water as a precaution. Remove contact lenses. Keep eye wide open while rinsing.
In case of skin contact:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
If swallowed:	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed:	No known significant effects or hazards. See Section 11 for more detailed information on health effects and symptoms.
Notes to physician:	Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous combustion products:	No hazardous combustion products are known.
Specific extinguishing methods:	Standard procedure for chemical fires.
Special protective equipment for firefighters:	In the event of fire, wear self-contained breathing apparatus.

SAFETY DATA SHEET



SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Avoid breathing dust.

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal. Sweep up or vacuum up spillage and collect in suitable container for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

Advice on safe handling : For personal protection see Section 8. No special handling advice required. Follow standard hygiene measures when handling chemical products.

Hygiene measures : When using do not eat or drink. When using do not smoke.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

Materials to avoid : No special restrictions on storage with other products.

Further information on storage : Keep in a dry place.

Stability : No decomposition if stored and applied as directed.



SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters/ Permissible concentration	Basis
Amorphous silicon dioxide	69012-64-2	TWA (Respirable dust)	2 mg/m ³	AU OEL
Further information: Containing no asbestos.				

Appropriate engineering controls : Avoid dust formation.
Provide appropriate exhaust ventilation at places where dust is formed.

Personal protective equipment

- Respiratory protection : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator.
- 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.
Follow AS/NZS 1337.1
Recommended: Butyl rubber, PVC, cotton gloves
- Eye protection : Safety glasses
- Skin and body protection : Protective clothing (e.g. safety shoes, long-sleeved working clothing, long trousers)
Follow AS 2210:3

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Strong Liquid / Gel
- Colour : White/Greyish
- Odour : Odourless

SAFETY DATA SHEET



Odour Threshold	:	No data available
pH	:	5 - 8
Melting point/range	:	No data available
Boiling point/boiling range	:	100 °C
Flash point	:	Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not flammable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	1.40 g/cm ³ (20 °C)
Solubility		
Water solubility	:	Soluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	Not applicable
Explosive properties	:	Not explosive
Oxidizing properties	:	No data available
Volatile organic compounds	:	Nil - Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable.



SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	The product is chemically stable.
Possibility of hazardous reactions	:	No hazards to be specially mentioned.
Conditions to avoid	:	No data available
Incompatible materials	:	See Section 7.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Chronic toxicity

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.



SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : There is no data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

Not dangerous for transport (no special requirements).

International Regulations

IATA-DGR

UN/ID No. : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Packing instruction (cargo aircraft) : Not applicable
Packing instruction (passenger aircraft) : Not applicable

IMDG-Code

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
EmS Code : Not applicable
Marine pollutant : Not applicable

SAFETY DATA SHEET



Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

ADG

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Hazchem Code : Not applicable

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform Scheduling of Medicines and Poisons : No poison schedule number allocated

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Not applicable

Prohibition/Licensing Requirements : There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

The components of this product are reported in the following inventories:

AICIS : On the inventory, or in compliance with the inventory.

SECTION 16. OTHER INFORMATION

Revision Date : 15 December 2024

Full text of other abbreviations

AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.
AU OEL / TWA : Exposure standard - time weighted average
ADG : Australian Dangerous Goods Code.
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS : Chemical Abstracts Service
DNEL : Derived no-effect level
EC50 : Half maximal effective concentration

SAFETY DATA SHEET



GHS	: Globally Harmonized System
IATA	: International Air Transport Association
IMDG	: International Maritime Code for Dangerous Goods
LD50	: Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	: Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	: International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	: Occupational Exposure Limit
PBT	: Persistent, bio accumulative and toxic
PNEC	: Predicted no effect concentration
REACH	: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC	: Substances of Very High Concern
vPvB	: Very persistent and very bio-accumulative

Safety Data Sheets are updated frequently. Please ensure that you have a current copy. SDS may be obtained from the following website: www.chemconcrete.com.au

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.