



SAFETY DATA SHEET

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

Product Name CMA ADMIX
Product number 7553/11543

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified Uses Admixture for use in Construction Industry

1.3 Details of the Supplier of the Safety Data Sheet

Supplier Construction Material Alliance Pty Ltd ACN 600 898 137
Unit 4/92 Bryant Street
Padstow NSW 2211

Website: www.cmapl.com.au
Email address: admin@swppl.com.au
Informing department: Sales
Emergency Number: Australia phone: +61 2 9771 0011

SECTION 2: Hazards Identification

2.1 Classification of the Substance or Mixture

Classification

Physical Hazards Not classified

Health Hazards Skin irrit.2 – H315 Eye Dam. 1 – H318 Skin Sens. 1 – H317 STOT SE 3 – H335

Environmental Hazards Not classified

Classification (67/548/EEC or 1999/45/EC) Xi:R37/38,R41.R43.

Environmental The product is not expected to be hazardous to the environment.



2.2. Label Elements

Pictogram



Signal word **Danger**

Hazard Statements

H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H335 May cause respiratory irritation

Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with national regulations.

Contains

Cement

Supplementary Precautionary Statements

P261 Avoid breathing vapour/spray
P264 Wash contaminated skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P310 Immediately call a POISON CENTRE/Doctor.
P312 Call a POISON CENTRE/Doctor if you feel unwell.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

2.3. Other Hazards



SECTION 3: Composition/information on ingredients

3.2 Mixtures

Sodium Carbonate CAS Number: 497-19-8	EC number: 207-838-8	REACH registration number: 01-2119485498-19-XXXX	50-100%
Classification Eye Irrit. 2 – H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36		
Tartaric Acid L(+) Natural CAS number: 87-69-4	EC number: 201-766-0		5-15%
Classification Eye Dam. 1 – H318	Classification (67/548/EEC or 1999/45/EC) Xi,R41		
Silica Sand CAS number: 14808-60-7	EC number: 238-878-4		5-15%
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC)		
Cement CAS number: --	EC number: 65997-15-1		5-15%
Classification Skin Irrit. 2 – H315 Eye Dam. 1 – H318 Skin Sens. 1 – H317 STOT SE 3 – H335	Classification (67/548/EEC or 1999/45/EC) Xi;R37/38,R41. R43		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

Inhalation	Move affected person to fresh air at once. If in doubt, get medical attention promptly.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.
Skin Contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. Use suitable lotion to moisture skin. Get medical attention if any discomfort continues. Chemical burns must be treated by a physician.
Eye Contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.



4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Inhalation	Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
Ingestion	May cause pain or vomiting. May cause chemical burns in mouth and throat.
Skin Contact	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Prolonged contact with moist or wet product may cause burns. May cause sensitisation by skin contact.
Eye Contact	Sever irritation, burning and tearing.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Notes for the Doctor Treat symptomatically. If in doubt, get medical attention promptly.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media Use fire-extinguishing media suitable for the surrounding fire.

5.2 Special Hazards Arising from the Substance or Mixture

Special Hazards No unusual fire or explosion hazards noted.

Hazardous Combustion Products Does not decompose when used and stored as recommended.

5.3 Advice for Firefighters

Protective Actions During Firefighting If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.

Special Protective Equipment for Firefighter's Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective and Emergency Procedures

Personal Precautions Wear protective clothing as described in Section 8 of this safety data sheet.



6.2 Environmental Precautions

Environmental Precautions

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate bodies.

6.3 Methods and Material for Containment and Cleaning Up

Methods for Cleaning Up Do not touch or walk into spilled material. Sweep up and remove for disposal. Residues or small spillages may be flushed away with water. Inform authorities if large amount are involved.

6.4 Reference to other Sections

Reference to Other Sections

Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Usage Precautions Avoid spilling. Avoid generation and spreading of dust. Avoid contact with skin and eyes. Avoid breathing dust. Wear protective clothing as described in Section 8 of this safety data sheet.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Storage Precautions Store in tightly-closed, original container in a dry, cool and well ventilated place.

Storage Class Chemical storage.

7.3 Specific End Use(s)

Specific End Uses(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Occupational Exposure Limits

Silica Sand

Long-term exposure limit (8-hour TWA): WEL 0.3mg/m³ resp.dust



Sodium Carbonate

Long-term exposure limit (8-hour TWA): WEL 5mg/m³ resp.dust
WEL = Workplace Limit

SODIUM CARBONATE (CAS:497-19-8)

Ingredient comments WEL = Workplace Exposure Limits

DNEL Workers – Inhalation: Long term local effects: 10 mg/m³

8.2 Exposure

Protective Equipment



Appropriate Engineering Controls

No specific ventilation requirements.

Eye/face Protection

The following protection should be worn: Chemical splash goggles.

Hand Protection

It is recommended that chemical-resistant, impervious gloves are worn.

Other Skin and Body Protection

Wear appropriate clothing to prevent skin contact.

Hygiene Measures

Do not eat, drink or smoke when using this product.

Respiratory Protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupation exposure limit. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance Granules.
Colour Beige.
Odour No characteristic odour.
Solubility(les) Insoluble in water.



9.2 Other Information

Other Information Not available.

SECTION 10: Stability and Reactivity

10.1 Reactivity

Reactivity There are no known reactivity hazards associated with this product. When mixed with water, an exothermic reaction will occur. Cementitious products will then harden into a stable mass that is not reactive to normal environments.

10.2 Chemical Stability

Stability No particular stability concerns.

10.3 Possibility of

Hazardous Reactions Will not polymerise.

10.4 Conditions to Avoid

Conditions to Avoid Water, moisture.

10.5 Incompatible Materials

Materials to Avoid Aluminium.

10.6 Hazardous Decomposition Products

Hazardous Decomposition Products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects

Inhalation Dust may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing. Shortness of breath.

Ingestion Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin Contact Prolonged contact with moist or wet product may cause burns. Repeated exposure may cause skin dryness or cracking. May cause sensitisation by skin contact.

Eye Contact Severe irritation, burning and tearing. Corneal damage. Blindness.

Acute and Chronic



Health Hazards Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. Prolonged and repeated contact may cause a dermatitis effect. May cause allergic contact eczema.

Toxicological Information on Ingredients

Siliceous Mineral Fillers

Acute Toxicity – Oral

Acute toxicity oral (LD.. mg/kg) 2,800.0

Species Rat

ATE oral (mg/kg) 2,800.0

Acute Toxicity - Dermal

Acute toxicity dermal LD.. mg/kg) 2,001.0

Species Rabbit

Synthetic Powders

Inhalation May cause respiratory system irritation.

Ingestion Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. May cause stomach pain or vomiting.

Skin Contact Slightly irritating.

Eye Contact Irritating.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Low acute toxicity to aquatic organisms. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

Ecological Information on Ingredients

Tartaric Acid DL(-) Synthetic

Ecotoxicity Low acute toxicity to aquatic organisms. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

12.1 Toxicity

Toxicity Not considered toxic to fish.



Ecological Information on Ingredients

SODIUM CARBONATE

Acute Toxicity – fish LC50, 96 hours: 300 mg/l, Freshwater fish
Acute Toxicity – aquatic Invertebrates EC50, 48 hours: 200-227 mg/l, Daphnia magna
Acute Toxicity – aquatic Plants IC50, 72 hours:>2420 mg/l, Algae

Tartaric Acid DL(-)Synthetic

Toxicity Not considered toxic to fish.

12.2 Persistence and Degradability

Persistence and Degradability The product contains inorganic substances which are not biodegradable.

Ecological Information On Ingredients

Tartaric Acid DL(-)Synthetic

Persistence and Degradability There is no data on the degradability of this product.

12.3 Bio Accumulative Potential.

Bio accumulative Potential The product does not contain any substances expected to be bio accumulating.

Ecological Information On Ingredients

Tartaric Acid DL(-)Synthetic

12.4 Mobility in Soil

Mobility The product hardens to a solid, immobile substance.

Ecological Information On Ingredients

Tartaric Acid DL(-)Synthetic

Mobility No additional information available.

12.5 Results of PBT and vPvB Assessment



Results of PBT & vPvB Assessment

This product does not contain any substances classified as PBT or vPvB.

Ecological Information On Ingredients

Tartaric Acid DL(-)Synthetic

Results of PBT & vPvB Assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6 Other Adverse Effects

Other Adverse Effects None known.

Ecological Information On Ingredients

Tartaric Acid DL(-)Synthetic

Other Adverse Effects None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Disposal Methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number

Not applicable.

14.2 UN Proper Shipping Name

Not applicable.

14.3 Transport Hazard class(es)

Transport labels.

14.4 Package Group

Not applicable.

14.5 Environmental Hazards



Environmentally hazardous substance/marine pollutant

No.

14.6 Special Precautions for User

Not applicable.

14.7 Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

EU Legislation Regulation (EC) No 1272/2008 of the European parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Created	20/08/2016
Revision Date	12/10/2016
Revision	03
Supersedes Date	29/09/2016
Version	1.03
SDS Number	7553/11543
Risk Phrases in Full	R36 irritating to eyes. R37/38 Irritation to respiratory system and skin. R41 Risk of serious damage to eyes. R43 may cause sensitisation by skin contact.
Hazard Statements In Full	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation.