

SAFETY DATA SHEET

Additive: PRO-Mix Tough

Section 1: Identification of the Material and Supplier

Company Details

Cement Australia Pty Limited

ABN 75 104 053 474

18 Station Avenue
Darra, Queensland 4076**Tel:** 1300 CEMENT (1300 236 368)**Fax:** 1800 CEMENT (1800 236 368)**Website:** www.cementaustralia.com.au / www.mixitlikeapro.com.au

Emergency Contact Number:

Contact Person: Technical Manager
Telephone: 1300 CEMENT (1300 236 368 - Business Hours) or
Poisons Information Centre 13 11 26

Manufacturing Plants

Coopers Plains: Alton Street, Coopers Plains, 4108 QLD

Product

Name: PRO-Mix Tough**Use:** PRO-Mix Tough is a concrete additive used to reinforce Portland cement concrete.

Section 2: Hazards Identification

Not classified as hazardous per Safe Work Australia criteria. Not classified as a dangerous goods by the criteria of the ADG code, IMDG or IATA

Not harmful to health or environment under normal use of product. If material is heated up, may cause burns

Section 3: Composition/Information on Ingredients

Chemical Entity	Proportion	CAS Number
Polypropylene	97-99%	9003-07-0
Other Non-hazardous component	1-3%	13463-67-7, 1333-86-4, 9002-88-4

Section 4: First Aid Measures

Swallowed:	No specific treatment is necessary, however, in case of swallowing large amounts, vomit immediately, and seek medical assistance.
Eyes:	Rinse the eyes with clean water, and then seek medical assistance.
Skin:	Rinse well with clean water.
Inhaled:	Not expected to present a significant inhalation hazard. In case of breathing excessive, airborne dust, move people to a place with clean air. Seek medical assistance if required
First Aid Facilities:	Eye wash station. Washing facilities with running water.

For more information call **1300 CEMENT** (1300 236 368)
or visit www.cementaustralia.com.au*Mix it with the best.*

Section 5: Fire Fighting Measures

Fire/Explosion Hazard:	None
Hazchem Code:	None allocated
Flammability:	Combustible
Extinguishing Media:	Water spray, carbon dioxide, dry chemical or appropriate foam
Hazards from Combustion Products:	Carbon monoxide, carbon dioxide
Special Protective Precautions and equipment for fire fighters:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

Section 6: Accidental Release Measures

Spills:	Sweep up the product, store for disposal in accordance with section 13. Keep product out of storm water and sewer drains.
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Section 7: Handling and Storage

Handling:	Keep away from ignition sources. Avoid direct sunlight and keep indoors with good ventilation.
Storage:	Keep away from heat or ignition sources. Don't store near strong oxidising agent (halogen, peroxide, etc.)

Section 8: Exposure Controls/Personal Protection

Exposure Limits:	National Occupational Health & Safety Commission (NOHSC) Australia Occupational Exposure Standard: Not specific
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Engineering Controls:	Not specific
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Personal Protection

Skin:	Cotton gloves and long sleeves are preferable when handling fibres.
Eyes:	Protective glasses are preferable when handling fibres.
Respiratory:	Dust proof mask is preferable when handling fibres

Section 9: Physical and Chemical Properties

Appearance:	Grey solid body (short fibre or polypropylene)
Odour:	No distinctive odour
pH:	Not applicable
Vapour Pressure:	Not applicable
Vapour Density:	Not applicable
Boiling Point:	Not applicable
Melting Point:	150-170°C
Solubility In Water:	Not Soluble
Flash Point:	300°C
Flammability Limits:	Not available
Ignition Temperature:	450°C
Particle Size:	Length 30 mm
Decomposition Point:	Not available

Section 10: Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	Avoid processing material over 300°C
Incompatible Materials:	Reacts with strong oxidising agents
Hazardous Decomposition Products:	Carbon monoxide, Carbon dioxide.
Hazardous Reactions:	None, Polymerization will not occur

Section 11: Toxicological Information

Short Term (Acute) Exposure

Swallowed:	No specific data on the matter is available, as there is no toxicity in the raw material.
Eyes:	No specific data on the matter is available, as there is no toxicity in the raw material.
Skin:	No specific data on the matter is available, as there is no toxicity in the raw material.
Inhaled:	No specific data on the matter is available, as there is no toxicity in the raw material.

Long Term (Chronic) Exposure

Carbon black CAS 1333-86-4

Carbon black is listed in 'IARC group 2B' which is a group 'possible cancer cause'. Extract is also listed in IARC group 2B. Per the long term environmental epidemiologic investigation through many workers in North America and UK, bad effects to lungs including malignants have not been observed. The category of listing was changed to IARC.

Section 12: Ecological Information

This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.

Ecotoxicity:	No data available
Persistence and Degradability:	No data available
Mobility:	No data available

Section 13: Disposal Considerations

Smaller quantities can be disposed of with household waste to approved Council landfill. Keep material out of sewer, storm water drains, and natural waterways. Exposure and personal precautions should be observed (see above).

Section 14: Transport Information

Transportation is done in bag form by Ship, Rail and Road.

UN Number:	None allocated
Proper Shipping Name:	None allocated
Class and Subsidiary Risk:	None allocated
Packing Group:	None allocated
Special precautions for user:	Avoid generating and breathing dust
Hazchem Code:	None allocated

Section 15: Regulatory Information

PRO-Mix Tough is not classified as Dangerous Goods.

Not classified as Hazardous per the criteria of the National Occupational Health and Safety Commission (NOHSC) Approved Criteria for Classifying Hazardous Substances [NOHSC:1008] 3rd Edition

Section 16: Other Information

For further information on this product contact:

Telephone: 1300 CEMENT (1300 236 368 - Business Hours)

Facsimile: 1800 CEMENT (1800 236 368)

Next Review Date for this MSDS: 31 December 2020.

Australian and New Zealand Standards:

AS 2161: Industrial Safety Gloves and Mittens (excluding electrical and medical gloves).

AS/NZ 1336: Recommended Practices for Occupational Eye Protection.

AS/NZS 1715: Selection, use and maintenance of respiratory protective devices.

AS/NZS 1716: Respiratory protective devices.

AS/NZS 4501: Occupational protective clothing.

Advice Note:

Cement Australia believes the information in this document to be accurate as at the date of preparation noted below, but, to the maximum extent permitted by law, Cement Australia accepts no responsibility for any loss or damage caused by any person acting or refraining from action because of this information.

The provision of this information should not be construed by anyone as a recommendation to use this product. In particular, no one should use any product in violation of any patent or other intellectual proprietary rights or in breach of any statute or regulation.

Users should rely on their own knowledge and inquiries and make their own determination as to the applicability of this information in relation to their particular purposes and specific circumstances. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace and in conjunction with other substances or products.