

MATERIAL SAFETY DATA SHEET

TECHDRYAD MORTAR SHIELD

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Issued: 01/01/2011

Not classified as hazardous according to criteria of Worksafe Australia

Identification

Product name:	TECHDRYAD MORTAR SHIELD
Other names:	Water repellent admixture
Manufacturer's code:	RPTDADMA
UN number:	Not allocated
D.G. class:	Not allocated
Subsidiary risk:	Not allocated
Hazchem code:	Not allocated
Poisons schedule no:	Not allocated
Package group:	Not allocated

Use

Water resistant admixture for cement and sand mortar for Tech-Dry blocks.

Physical properties

Appearance:	Pale yellow clear liquid
Boiling point:	≥100 °C
Vapour pressures (20 °C):	Not allocated
Density (20 °C):	1.0 g/ml
Flash point:	Not allocated
Flammability limits (%):	Not allocated
Solubility in water:	Soluble

Other properties

Autoignition point:	Not allocated
Vapour density (air=1):	Not allocated
pH:	8-9
Viscosity (20 °C):	Not allocated

Ingredients

Chemical entity	CAS number	Proportion
Fatty acid sodium salt	n/a	<10%
Non-hazardous ingredients	n/a	<10%
Water		To 100%

Hazard Health Information

Health Effects: The adverse health effects of this product as a whole have not been determined. However, normal industrial hygiene measures should be followed when handling.

Acute:

Swallowed: Harmful if swallowed. It may cause discomfort if swallowed.

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Inhaled: Inhalation over intensive vapour may cause irritation of the nose and throat and cause coughing and chest discomfort.

Chronic: Not known.

First Aid:

- Swallowed:** If swallowed, do not induce vomiting. Give a glass of water. Never give anything by mouth to an unconscious person. Get prompt medical attention.
- Eye:** Flush eyes with copious amounts of water for at least 15 minutes. Obtain medical attention.
- Skin:** Remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse. Seek medical advice if effects persist.
- Inhaled:** Remove affected victim from exposure area to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek prompt medical advice.
- First Aid Facilities:** Washing facilities are strongly recommended for handling chemicals.
- Advice to Doctor:** Treat symptomatically.

Precautions For Use

- Exposure Standards:** There is no exposure standard determined for this product. The blanket limit of 10mg/m³ (TWA and STEL) for dusts or mists may apply. The nature of this product makes it unlikely that this level will be approached in normal use.
- Engineering Controls:** Use with sufficient ventilation.
- Personal Protection:** Wear chemical resistant safety glasses or goggles, gloves and protective clothing. Wear approved respiratory protection (AS1716/1715) if there is a risk of exposure to intensive vapour concentrations. Wash hands after handling.
- Flammability:** Not flammable and not combustible under conditions of use.

Safe Handling Information

- Storage and Transport:** Consult AS1940 and relevant state or territory regulations on safe storage and handling. Store in original or approved containers in a cool well-ventilated area away from any heat and ignition sources preferable at 8 °C to 35°C. The product may become solid at below 8 °C but will become normal once temperature is at above 8 °C.
- Spills and disposal:** Wear full protective clothing while attending to spills. Extinguish all ignition sources. Prevent entry into drainage systems, sewers and waterways. Dam and collect with inert absorbent material such as sand or earth. Ensure waste disposal conforms to local waste disposal regulations.
- Fire/Explosion Hazard:** Shut and remove ignition sources if safe to do so. Use dry powder, sand, and foam and/or carbon dioxide extinguisher. Wear a breathing apparatus and full protective measures while attending to the hazard. Prevent the product from entering drains or waterways. Hazard decomposition products may include carbon oxides and traces of formaldehyde.

Other Information

- Toxicity data:** Not known. There is no toxicity data allocated. The product is a weak alkaline solution which should be handled under normal industrial hygiene measures accordingly.
- Contact Point** For further information please contact Tech-Dry tel: 61 3 9699 8202 (all hours).

Important Note

To the best of our knowledge, the information sources for the preparation of this document were correct and complete at the time of writing. The information is therefore subject to possible change from time to time and cannot be guaranteed. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product or any material existing within the product. For further information, please contact Tech-Dry Building Protection Systems Pty. Ltd.