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Tech-Dry®



MATERIAL SAFETY DATA SHEET

BLOCK EMULSION

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Issued: 15/02/2007

Not classified as hazardous according to criteria of Worksafe Australia

Identification

| | |
|----------------------|--------------------------|
| Product name: | BLOCK EMULSION |
| Other names: | Silane/siloxane emulsion |
| Manufacturer's code: | RPBE |
| 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

Silane/siloxane emulsion is used as water repellent admixture for pressed concrete masonry substrates.

Physical properties

| | |
|---------------------------|------------------------|
| Appearance: | Pinkish white emulsion |
| Boiling point: | ≥100 °C |
| Vapour pressures (20 °C): | Not allocated |
| Density (20 °C): | 0.975g/ml |
| Flash point: | >62 °C |
| Flammability limits (%): | Not allocated |
| Solubility in water: | Miscible |

Other properties

| | |
|-------------------------|---------------|
| Autoignition point: | Not allocated |
| Vapour density (air=1): | Not allocated |
| pH: | 7-8 |
| Viscosity: | Not allocated |

Ingredients

| Chemical entity | CAS number | Proportion |
|-------------------------|------------|------------|
| Silane/siloxane mixture | n/a | <50% |
| Non hazardous additives | n/a | <1% |
| Water | | To 100% |

Hazard Health Information

Health Effects:

To the best of our knowledge, the adverse health effects of this product as a whole have not been determined. However, normal industrial hygiene measures should be followed when handling chemicals.

Acute:

Swallowed:

Harmful if swallowed. It may cause irritation to mouth, throat and stomach.

Eye:

Silane/siloxanes may cause eye irritation.

Skin:

Silane/siloxanes may be irritating to the skin.

Inhaled:

It may cause irritation to the mucous membranes and respiratory tract. Over exposure can result in drowsiness, nausea, vomiting and dizziness. An aerosol mist of the silane and siloxane may cause lung damage if inhaled.

Chronic:

Not known.