



Material Safety Data Sheet

Pondseal

Environmental and fish-friendly waterproofing Membrane for Ponds and Water Features

Not classified as a hazardous product according to the criteria of Worksafe Australia

Identification

Product Name: Pondseal
 Other Names: Duam Pondseal
 U.N. Number: N/A
 Class: N/A
 Hazchem Code: N/A
 Poison: N/A
 Schedule:
 Pack Sizes: 1, 4, 20 lt. pails & 1000 Lt. IBC's

Uses: Pondseal has been specifically formulated for the waterproofing of ponds, water features, fountains and water retaining structures.

Physical Description

Appearance: Coloured thixotropic viscous creamy liquid
 Boiling Point: +- 100°C - as for water.
 Vapour Pressure: As for water.
 Percent Volatiles: +- 45%
 Specific Gravity: 1.05 - 1.1 (+- 20°C)
 Flash Point: N/A (Water Based)
 Flammability: N/A (Water Based)
 Water Solubility: Soluble / Miscible (will re-emulsify when uncured)

Ingredients

Chemical	CAS No.	Proportion
Aqueous Urethane	Proprietary	< 25%
Minor Ingredients	N/A	< 3%
Water	N/A	< 40%
Inert Fillers	N/A	< 40%
Butyl-styrene copolymer	Proprietary	< 40%
Butyl acrylate-styrene copolymer	Proprietary	< 40%
Polypropylene Fibres	N/A	< 3%
Pigments	N/A	< 5%

Health Warning Information

Health Effects

Swallowed: Material is regarded as low oral toxicity and swallowing is unlikely. Irritating, possible nausea - will affect digestive tract if swallowed in volume with possible abdominal irritation, pain, and vomiting.

Eye: Prolonged or repeated contact may result in irritation, discomfort or may cause mild temporary redness of the conjunctiva, temporary vision impairment and possible damage.

Skin: Adverse effects are not expected from single contact. Prolonged and repeated contact may be mildly irritating and may result in dermatitis. Avoid exposure to skin that is cut, damaged or irritated.

Inhaled: Irritating - may cause nausea with prolonged contact. Inhalation unlikely due to viscosity and non volatility of the product. Vapours (predominantly water) may occur at higher than normal temperatures. Inhalation over-exposure is not expected at ambient temperatures.

Chronic: Effects are not known.

CHRONIC HEALTH EFFECTS

Prolonged contact or continuous long term working in confined and poorly ventilated areas may cause irritation response, sore, eyes, nose and possible headache and dermatitis.

Avoid contact with unprotected skin, inhalation of vapour or ingestion. Observe good occupational work practices.

First Aid

Swallowed: Do not induce vomiting. Rinse mouth and give plenty of water to drink. Seek medical assistance or contact the Poisons information Service (Australia 121126 and New Zealand 03 4747000).

Eye: Flush thoroughly with clean water, holding eye lid open to flush product from under the lid. Removal of contact lens after injury should be done by a skilled or medical person.

Skin: Remove contaminated clothing, and wash with soap and water.

Inhaled: Product is water based. Treat for drowning. Remove person to fresh air and perform artificial respiration if required and seek urgent medical assistance. If fumes are inhaled, remove to fresh air, lay patient down, keep warm and rested. This is usually sufficient.

Advice to Doctor

Treat symptomatically.

Precautions in Use

Product is considered low risk.

Exposure Standards

Non assigned. Refer to individual constituents.

S.B.R. Latex: Non assigned, refer to individual constituents. On average residual traces - TWA 50 ppm (213 mg/m³).

Residual traces - Ammonium hydroxide- as ammonia.

ES TWA: 25ppm, 17mg/m³, STEL: 35ppm, 24mg/m³.

TLVTWA: 25ppm, 17mg/m³, STEL: 35ppm, 24 mg/m³.

ENGINEERING CONTROLS

Ensure area is well ventilated to maintain air concentrations below exposure stated. General exhaust is adequate under normal operating conditions.

Exposure Limits

Refer above.

Ventilation

Product should be applied in areas with adequate ventilation.

Personal Protection

Gloves: Rubber or PVC. Do not use solvent to clean the skin.

Eyes: Safety goggles. The wearing of contact lenses poses an additional risk. Soft lenses may absorb irritants and all lenses concentrates them.

Feet: Wear safety footwear.

Safe Handling Information

Storage and Transport

Not classified as a dangerous material for storage and handling.

Store in cool, dry area and place out of the reach of children. Product is not flammable. Avoid freezing.

Suitable containers: Plastic pails as recommended by manufacturer.

Check containers are labeled and not damaged.

Handle in accordance with good industrial hygiene and safety practice.

Storage incompatibility: None known.

GENERAL:

Wash hands before eating and observe usual precautions for chemical handling. Avoid contact with eyes and skin.

Transportation Restrictions: None.

Spills and Disposal

Prevent spills from entering the drains or sewers. Absorb product with sand or earth or absorbant material and dispose to land fill in accordance with local council regulations or incinerated. Small spills can be flushed with water for effluent treatment only.

Product will dry and become inert.

Major spills unlikely due to individual size of containers.

Fire / Explosion Hazard

N/A - product is not combustible.

No decomposition if correctly stored and handled.

No Hazchem Code has been allocated.

1 May 07

Conditions of Use and Disclaimer

The information contained in this data sheet is given in good faith based upon our knowledge and current information and does not imply warranty. The information is provided and the product sold on the basis that the product is used for its intended use and applied in a proper workman like manner in accordance with the instruction in this data sheet onto suitable and correctly prepared surfaces which shall remain sound, stable, free of structural defects, cracking, spalling concrete cancer, negative pressure, movement or other conditions that may effect the performance of the product. Deviations from application instructions may diminish or negate the performance of the product. Under no circumstances will the Company be liable for any loss, consequential or otherwise, arising from the use of the product. Liability is limited to the replacement of proven faulty product.

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