



Material Safety Data Sheet

Durabit Bitumen Free

Water Based Latex / Acrylic Waterproofing Membrane

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

Identification

Product Name: Durabit Bitumen Free
 Other Names: Duram Durabit Bitumen Free.
 U.N. Number: N/A
 Class: N/A
 Hazchem Code: N/A
 Poison: N/A
 Schedule:
 Pack Sizes: 1, 4, 20 Litre Pails

Uses: A cold applied membrane coating. Applied by hand using brush, roller, or squeegee. Usually a multi coat application.

Physical Description

Appearance: White or coloured, thick creamy liquid with characteristic odour.
 Boiling Point: 100oC (water)
 Vapour Pressure: As water.
 Percent Volatiles: N/A
 Specific Gravity: 1.09.
 Flash Point: Non Flammable.
 Flammability: N/A
 Water Solubility: Miscible.

Ingredients

Chemical	CAS No.	Proportion
Synthetic rubber emulsion, as S.B.R latex.	N/A	>60%
Minor Ingredients & Thickeners		
Unspecified water	7732-18-5	30-60%

Health Warning Information

Health Effects

Swallowed: Material is regarded as low oral toxicity. Considered an unlikely route of entry in commercial or industrial environments. The liquid is discomforting to the gastro intestinal tract if swallowed. Irritating, possible nausea - will affect digestive tract if swallowed in volume with abdominal irritation, pain, and vomiting.

Eye: The liquid is discomforting to the eyes, and is capable of causing a mild temporary redness of the conjunctiva (similar to windburn), temporary impairment of vision and or other transient eye damage / ulceration. The vapour is mildly discomforting to the eyes.

Skin: The material is moderately discomforting to the skin if contact is prolonged and is capable of causing skin reactions which may lead to dermatitis. open cuts, abraded or irritated skin should not be exposed to the material. The material may accentuate any pre-existing dermatitis condition.

Inhaled: Not normally a hazard due to non volatile nature of the product. Inhalation of vapour is more likely at higher than normal temperatures.

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. Give plenty of water to drink. Rinse out mouth. 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 any trapped 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. Seek medical attention in the event of irritation.

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.

Ammonium hydroxide - as ammonia.

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

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

ENGINEERING CONTROLS

Use in well ventilated areas. 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

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 leak-free.

Storage incompatibility: None known.

Transportation Restrictions: None.

Spills and Disposal

Clean up spills immediately. Avoid breathing vapours and contact with skin & eyes. Control personal contact by using protective equipment.

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. Major spills unlikely due to individual size of containers. If contamination of drains or waterways occurs, advise emergency services.

Fire / Explosion Hazard

The material is not readily combustible under normal conditions, however it will break down under fire conditions and the organic component may burn. Not considered to be a significant fire risk. Heat may cause expansion or decomposition with violent rupture of containers. Decomposes on heating and may produce toxic fumes of carbon monoxide (CO) and may emit acrid smoke.

Combustion products include ammonia.

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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