

**DURABIT EF**

Not classified as hazardous according to the criteria of Worksafe Australia.

Identification

Name: Duram Durabit EF
CAS RN No(s): None
UN Number: None
Dangerous Goods Class: None
Packaging Group: None
Subsidiary Risk: None
Hazchem Code: None
Poisons Schedule Number: None

Use

Used according to manufacturers directions. A cold applied membrane coating. Applied by hand using brush, roller or squeegee. Usually a multi-coat application. Not recommended for contact with potable water.

Physical Data / Properties

Appearance: White or coloured, thick creamy liquid with characteristic odour, mixes with water.
Boiling Point (deg C): 100 (water)
Melting Point (deg C): Not available
Vapour Pressure (kPa): As water
Specific Gravity: 1.09
Flash Point (deg C): Non flammable
Lower Explosive Limit (%): Not applicable
Upper Explosive Limit (%): Not applicable
Solubility in Water (g/L): Miscible

Ingredients

Chemical	CAS RN	%
synthetic rubber emulsion, as S.B.R. Latex	None	>60
minor ingredients, unspecified water	7732-18-5	30-60

No other ingredient information disclosed.

Health Hazard**Acute Health Effects**

Swallowed:
The material is regarded as being of low oral toxicity. Considered an unlikely route of entry in commercial/ industrial environments. The liquid is discomforting to the gastro-intestinal tract if swallowed. Ingestion may result in nausea, 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 wind-burn), 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 this material. The material may accentuate any pre-existing dermatitis condition.

Inhaled:

Not normally a hazard due to non-volatile nature of product. Overexposure is unlikely in this form. Inhalation of vapour is more likely at higher than normal temperatures.

Chronic Health Effects

Principal routes of exposure are usually by skin contact with the material and and inhalation of vapour. Prolonged or repeated skin contact may cause drying with cracking, irritation

and possible dermatitis following.

As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

Content of ammonia is low and is not considered a health hazard under good working conditions, however continuous long term working in confined and poorly ventilated areas may cause irritation response, sore eyes/nose.

First Aid**Swallowed:**

Rinse mouth out with plenty of water. If poisoning occurs, contact a doctor or Poisons Information Centre. In Australia phone 13 1126; New Zealand 03 4747000. If swallowed, do NOT induce vomiting. Give a glass of water.

Eye:

If this product comes in contact with the eyes:

1. Immediately hold the eyes open and wash with fresh running water.
2. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
3. If pain persists or recurs seek medical attention.
4. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin:

If product comes in contact with the skin:

1. Wash affected areas thoroughly with water (and soap if available).
2. Seek medical attention in event of irritation.

IMPORTANT

The product information contained in this data sheet is given in good faith based upon our knowledge and current information and does not imply any warranty. The information contained herein is provided on the basis that the product is applied in a proper manner strictly in accordance with instructions onto correctly prepared surfaces which shall remain sound, stable and free of cracking or movement. Instruction application deviation 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. We reserve the right to amend specification and application techniques without prior notice.

DURAM INDUSTRIES (PTY) LTD ACN 002 968 809 ABN 77 002 968 809

The Ultimate in Waterproofing & Protective Coating Technology

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Inhaled:

1. If fumes or combustion products are inhaled: Remove to fresh air.
2. Lay patient down. Keep warm and rested.
3. Other measures are usually unnecessary.

Advice To Doctor

Treat symptomatically

Precautions for Use

Exposure Standards

Non assigned. Refer to individual constituents.

S.B.R. Latex:

Non assigned. Refer to individual constituents.

Ammonium hydroxide as ammonia

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

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

Engineering Controls

Use in a well-ventilated area.

General exhaust is adequate under normal operating conditions.

If risk of overexposure exists, wear approved respirator.

Supplied air type respirator may be required in special circumstances.

Correct fit is essential to obtain adequate protection.

Provide adequate ventilation in warehouse or closed storage areas.

Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to effectively remove the contaminant.

Personal Protection

Eye:

Safety glasses with side shields

Chemical goggles.

Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Hands/Feet:

Wear chemical protective gloves. eg. PVC gloves with barrier cream.

Wear safety footwear.

Do NOT use solvent to clean the skin.

Other:

1. Overalls.
2. Eyewash unit.

Safe Handling

Storage And Transport

Suitable container:

Lined metal can. Lined metal pail/drum.

Plastic pail. Polyliner drum.

Packing as recommended by manufacturer.

Check all containers are clearly labelled and free from leaks.

Storage incompatibility:

None known.

Storage Requirement:

1. Store in original containers.
 2. Keep containers securely sealed.
 3. Store in a cool, dry, well ventilated area.
 4. DO NOT allow to freeze.
 5. Store away from incompatible materials.
 6. Protect containers against physical damage and check regularly for leaks.
 7. Observe manufacturer's storing and handling recommendations.
- DO NOT allow product to freeze.

Transportation:

No restrictions.

Spills And Disposal

Minor Spills:

1. Clean up all spills immediately.
2. Avoid breathing vapours and contact with skin and eyes.
3. Control personal contact by using protective equipment.
4. Contain and absorb spill with sand, earth, inert material or vermiculite.
5. Wipe up.
6. Place in a suitable labelled container for waste disposal.

Major Spills:

Minor hazard.

1. Clear area of personnel.
2. Alert Fire Brigade and tell them location and nature of hazard.
3. Control personal contact by using protective equipment as required.
4. Prevent spillage from entering drains or water ways.
5. Contain spill with sand, earth or vermiculite.

6. Collect recoverable product into labelled containers for recycling.
7. Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal.
8. Wash area and prevent runoff into drains or waterways.
9. If contamination of drains or waterways occurs, advise emergency services.

Disposal:

1. Consult manufacturer for recycling options and recycle where possible.
2. Consult State Land Waste Management Authority for disposal.
3. Treat the emulsion and separate components.
4. Bury or incinerate residue in an approved site.
4. Recycle containers where possible, or dispose of in an authorised landfill.

Fire / Explosion Hazard

1. The material is not readily combustible under normal conditions.
 2. However, it will breakdown under fire conditions and the organic component may burn.
 3. Not considered to be a significant fire risk.
 4. Heat may cause expansion or decomposition with violent rupture of containers.
 5. Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).
 6. May emit acrid smoke.
- Combustion products include ammonia.

Contact

Australian Poisons Information Centre

24 Hour Service: 13 11 26

Police or Fire Brigade: 000 (exchange): 1100

New Zealand Poisons Information Centre Dunedin:

(03)479 1200 (Normal hours)

(03) 4740999 (Emergency)

Duram Industries Pty Ltd

61(02) 9624 4077 - Australia

64(09) 527 0551 - New Zealand