

D8 TWE

Thixotropic Waterproofing Emulsion



Description

A cold applied non-flammable thixotropic bitumen emulsion with a brushable consistency. It forms a flexible seamless membrane, which dries to give a tough waterproof coating.

Colour

Dries to black.

Uses

Suitable for waterproofing and protecting pitched and flat roofs constructed from most materials. It is not suitable for applying to wooden surfaces.

Method of Application

Ensure surface to be treated is dry and free from any loose material, foreign matter, rust, moss etc., using a fungicide if necessary. Carry out any structural repairs. Fill cracks and holes with a suitable trowel grade mastic and allow to dry thoroughly before applying waterproofing emulsion.

Waterproofing Emulsion is not resistant to rain or frost until thoroughly cured. Use only at temperatures above 5°C and not in wet or frosty conditions.

Application

Apply by brush or squeegee. Allow to dry thoroughly before applying a second coat.

Storage

Keep in tightly closed containers. Protect from frost.

Cleaning

Tools should be cleaned immediately after use with soapy water but if the material has set use white spirit or paraffin.

Coverage

Approximately 1 square metre per litre

The information in this leaflet is based on results we have achieved. As conditions of use are beyond our control, no liability can be accepted or warranty given or implied. As our products are subject to constant research and development we advise customers to check that this leaflet has not been superseded. All products are covered by our Standard Conditions.

For Health and Safety details please refer to the COSHH sheet for Anionic Bitumen Emulsion.

1. Identification of the substance/preparation and company

Identification of the product: Anionic Bitumen Emulsions
Product description: Anionic bitumen emulsion, water based, brown/black liquid
Supplier: Aytton Products
Browick Road
Wymondham
Norfolk NR18 0RJ
Tel : 01953 602002
Fax : 01953 604965
Emergency phone number: 01953 602002

2. Composition/information on ingredients

Anionic bitumen emulsions comprise mainly of bitumen emulsified in water. Emulsifying agents and other additives are also present in varying small quantities

3. Hazards identification

May cause irritation to skin and eyes
Hot emulsion may cause burns

4. First-aid measures

Inhalation: No known hazard
Skin: Wash with water, if irritation persists seek medical advice.
Eyes: Irrigate thoroughly with water, seek medical advice
Ingestion Do not induce vomiting. Give water to drink, seek medical advice

5. Fire-fighting measures

Non-flammable
Dried film supports combustion
Use CO₂, dry powder or foam extinguishers

6. Accidental release measures

Contain spillage with sand or earth
Transfer to waste site in sealed containers
Prevent entry into water courses or drains
Inform authorities if material enters drains or water courses

7. Handling and storage

Protect from freezing conditions
Roll/invert containers before use and at regular intervals to prevent settlement
Tanker stores should be circulated/agitated before use.

8. Exposure controls/personal protection

No Occupational Exposure Limits listed in EH40 apply
Wear rubber gloves, eye protection and protective clothing, use barrier cream on hands

9. Physical and chemical properties

Formula:	n/a	Flammability:	non-flammable
Appearance:	brown/black liquid	Flash point:	n/a
Density:	0.95-1.05	Boiling point:	~100 °C
Odour:	characteristic	Acidity/alkalinity:	pH 8 to 12

10. Stability and reactivity

Conditions to avoid: Do not store below 2°C to avoid freezing

Materials to avoid: acids (will cause emulsion to coagulate)

11. Toxicological information

Inhalation: not considered hazardous

Skin contact: due to small quantities of emulsifying agents, frequent or prolonged skin contact may cause skin sensitisation.

Eye contact: may irritate eyes

Ingestion: minimal toxicity

12. Ecological information

Air: at normal temperature water component will evaporate leaving solid layer of bitumen

Water: emulsion will disperse in water and bitumen component will persist in environment for considerable period of time.

Soil: will form a solid bitumen layer on the surface on evaporation of water content.

13. Disposal considerations

Dispose as controlled waste in compliance with local by-laws and the requirements of the Environmental Protection Act 1990.

14. Transport information

Bitumen emulsion is not classified as hazardous for transport.

Bulk supplies to be labelled in accordance with Chemical Industries Association Black and White Marking Scheme:

Cold emulsion: NON HAZARDOUS MATERIAL

15. Regulatory information

Bitumen emulsion does not require classification or labelling under the Chemicals (Hazards, Information and Packaging) Regulations.

The information contained in this safety data sheet does not constitute an assessment of workplace risks. Users are advised to refer to the following legislation for further information:

Health and Safety at Work etc. Act 1974

Control of Substances Hazardous to Health Regulations

12. Other information

Recommended use

Users are advised to refer to British Standard BS 434 for Bitumen Road Emulsions and the Road Emulsion Association (REAL) technical data sheets

The above information is based on our current knowledge of the product. The purpose of this data sheet is to describe the product in terms of its safety requirements. It is the users responsibility to satisfy themselves as to the satisfy themselves as to the adequacy and completeness of this information for their own particular use.