

# JE1

## Conventional Grade Cold Joint Paint Emulsion



### General

JE1 is an anionic bitumen emulsion formulated for use as a cold applied thixotropic jointing compound as an alternative to hot applied bitumen between vertical faces of asphalt and macadam in compliance with the requirements of BS594-2 and BS 4987-2.

JE1 is manufactured by Ayton Products within Management Systems accredited to BS EN ISO 9001:2000, BS EN ISO 14001:1996 and OHSAS 18001:1999.

### Properties

JE1 is a water-based product. Protect from frost. Keep containers closed when not in use.

### Application

Stir well before use. The paint does not require heating before use. Ensure faces to be painted are clean, sound and dry. Apply uniformly as a thin coat using a dampened soft brush. Commence surfacing when the paint has dried to a black film (usually 30 – 45 minutes depending on weather conditions). Do not apply when there is a risk of rain before the paint has dried, or at temperatures below 8° C). Clean brushes with water, or if the paint has dried, with white spirit.

### Health & Safety

JE1 is classified as non-hazardous. For further information refer to the relevant Material Safety Data Sheet or contact our Safety, Health and Environment Department. .

### Supply

Availability, prices and conditions of sale are available from our Bitumen Products Sales Department.

### Technical Service

Further technical information and advice is available from our Technical Department.

## 1. Identification of the substance/preparation and the company

Identification of the product: **Cold Joint Paint**  
Chemical family: bitumen emulsion  
Product description: water-based, anionic bitumen emulsion, thixotropic, brown/black liquid  
Supplier: Ayton Products  
Browick Road  
Wymondham  
Norfolk NR18 ORJ  
Tel : 01953 602002  
Fax : 01953 604965  
Emergency phone number: 01953 602002

## 2. Composition/information on ingredients

Cold Joint Paint comprises of bitumen emulsified in water. Emulsifying agents and other additives are also present in small quantities.

## 3. Hazards identification

May cause irritation to skin and eyes

## 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 CO<sub>2</sub>, 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  
Keep container closed when not in use

## 8. Exposure controls and 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, viscous liquid	Flash point:	n/a
Density:	~1kg/litre	Boiling point:	~100 °C
Odour:	mild odour	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 product 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 layer on the surface on evaporation of bitumen.

## 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

Cold Joint Paint is not classified as hazardous for transport (CDGR, ADR, RID, IATA/ICAO)

## 15. Regulatory information

Cold Joint Paint 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

Carriage of Dangerous Goods etc. Regulations 2004

Environmental Protection Act 1990

Environmental (Duty of Care) Regulations

## 16. Other information

Recommended use

Cold Joint Paint is used as a jointing compound for vertical joints in asphalt surfacing. Refer to product data sheet for information on use and method of application.

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.