

According to EC Regulation 1907/2006 (REACH)  
Bituminous Roof Membranes  
Version – 3.0; Revision: 01.08.2023

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**  
CHESTERFELT Bituminous Roof Membranes
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
The products are designed for use as bituminous waterproofing membranes.
- 1.3 Details of the supplier of the safety data sheet**  
Chesterfelt Limited, Foxwood Way, Sheepbridge, , Chesterfield , S41 9RX  
Tel: +44 (0)1246 268000  
Email: technical@chesterfelt.co.uk
- 1.4 Emergency telephone number**  
Chesterfelt Limited  
Tel: +44 (0)1246 268000  
Opening Times: 0830 - 1700 Monday to Friday

## 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**  
This product is **not** classified under the Classification, Labeling, Packaging Regulations EU reg 453/2010 or Reach EC Regulation 1907/2006 (REACH) & 1272/2008.
- 2.2 Hazard statements**  
This product is **not** classified as hazardous, so does not need to comply with the labelling requirements, Hazard Statements or Precautionary Phrases. However, please see information in relevant sections with regards to emissions and the handling of hot products. Maximum processing temperature 200°C.
- 2.3 Other hazards**  
This product is **not** identified as a PBT/vPvB substance.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Mixtures**  
The products are not classed as substances or mixtures under the CLP Regulation (EC) No 1272/2008, 453/2010 but are considered to be articles. The products in the range consist of a reinforcing base material coated with bitumen and a surface finish. The base materials include polyester, glass/polyester and glass fibres in sheet form, some used in conjunction with aluminium foil. The bitumen coating may contain mineral filler and/or synthetic polymers. The fire performance cap sheets have an inert graphite coating on the upper surface of the base carrier and the fire performance vapour control layers have a fire-retardant modified bitumen coating. The surface finish may be sand, talc, mineral granules, or polymeric film.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### 4.1.1 Eye

For contact with cold material, e.g. small particles, wash thoroughly with water and obtain medical attention if signs of discomfort persist. In case of contact with hot material, flood eye with copious quantities of cold water for 10-15 minutes. Do not try to remove material adhering to the eye. Cover the burn area loosely with a sterile dressing, if available. Seek immediate medical attention.

#### 4.1.2 Skin

For contact with hot material, cool the affected area under cold running water for at least 10 minutes. Do not attempt to remove anything from the burn area or apply burn creams or ointments. Material adhering to skin will form a sterile barrier which will fall off after a few days. Cover the burn area loosely with a sterile dressing, if available. Seek immediate medical attention.

#### 4.1.3 Inhalation

In case of inhalation of fumes, remove from exposure. If breathing becomes difficult seek medical assistance. If swallowed, rinse mouth with water. Seek immediate medical attention.

#### 4.1.4 Ingestion

Ingestion is unlikely in normal use.

### 4.2 Most important symptoms and effects, both acute and delayed

IN ALL CASES IF SYMPTOMS ARE SEVERE, PERSIST OR CAUSE CONCERN, OBTAIN IMMEDIATE MEDICAL ADVICE. First aid procedures apply when products are subjected to high temperatures, e.g. during the laying, or in a fire.

### 4.3 Indication of any immediate medical attention and special treatment needed:

Immediate / special treatment: None Specified

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### 5.1.1 Suitable

Dry extinguisher, carbon dioxide (CO<sub>2</sub>), foam, dry sand, water jet spray. Use extinguishing media appropriate the surrounding fire conditions.

#### 5.1.2 Not Suitable

High volume water jet.

### 5.2 Special hazards arising from the substance or mixture

Products are non-combustible and do not pose a fire hazard in use; however, some facings and packaging materials may burn. Products of combustion from product and packaging – carbon dioxide, carbon monoxide and some trace gases such as ammonia, nitrogen oxides and volatile organic substances.

#### 5.2.1 Exposure hazards

In case of fire toxic pyrolysis products and oxides of carbon may arise. Vapours may be heavier than air and explode in mixture with air. Flashback to distance sources of ignition is possible.

#### 5.2.2 Advice for firefighters

Do not breathe fumes. Wear protective respirator with independent air supply. Full protection, if necessary. Observe safe distance. Cool container at risk with water.

#### 5.2.3 Other details

Dispose of contaminated extinction water according to official regulations.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment

Avoid contact of hot melted product to eyes and skin. During application wear protective clothing, gloves, footwear, and goggles. Ensure sufficient supply of air.

## 6.2 Environmental precautions

None required.

## 6.3 Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific Substance.

## 6.4 Reference to other sections

Refer to section 8 of this document.

# 7. HANDLING AND STORAGE

## 7.1 Precautions for safe handling

Handling requirements: Be aware when in heated / liquid state, wear appropriate PPE, designed to resist high temperatures, cover skin where possible (i.e. arms / hands / legs).

## 7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, dry place. Protect from direct sunlight and warming. Avoid contact with strong oxidizing agents.

## 7.3 Suitable packaging

Must only be kept in original packaging.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Control parameters

Occupational Exposure limit: Bitumen fumes - Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>  
Short-term exposure limit (15-minute): WEL 10 mg/m<sup>3</sup>

## 8.2 Exposure controls

### 8.2.1 Engineering controls

No special protective measures are necessary for use of this product in that it is an article, and under normal conditions of use is not expected to release, or otherwise result in exposure to a hazardous chemical. If cutting, grinding, drilling, etc. ensure that there is adequate ventilation to keep dust levels within required limits.

## 8.3 Personal Protective Equipment

### 8.3.1 Eye/Face

Where there is a risk of damage to the eyes/face from splashing of hot product or impact, wear eye/face protection to BS EN ISO 16321 - Eye and face protection for occupational use.

### 8.3.2 Skin

The use of heavy-duty gloves to protect against skin abrasion and burns through contact with hot bitumen or flame of gas torch during installation is recommended.

### 8.3.3 Respiratory

Not required under normal conditions of use. If dust or fumes are generated, wear appropriate respiratory protection.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Physical state at 20°C: Solid

Colour: Brown to black

Odour: Characteristic like asphalt

pH-value: Not applicable

Flash point: > 250°C

Auto ignition temperature: > 350°C

Water solubility: None

Flammability (gas, solids): Standard bitumen-based roofing membranes are combustible. Fire performance membranes have a significantly reduced capacity to burn.

Explosive properties: no

Explosive limits: not applicable

## 10. STABILITY AND REACTIVITY

### 10.1 Stability

Stable under normal operating conditions.

### 10.2 Conditions to avoid

Do not heat up more than the recommended application temperature.  
Avoid contact of water to the particular molten hot product.

### 10.3 Material to avoid

The product will break down when solvents are applied.

### 10.4 Incompatible materials

Avoid contact with strong oxidizing agents.

### 10.5 Combustion products

Partial combustion will form carbon monoxide soot, hydrocarbons (PCA or PAH) hydrogen sulphide.

## 11. TOXICOLOGICAL INFORMATION

The product is based on bitumen and is not considered to be toxic.

## 12. ECOLOGICAL INFORMATION

### 12.1 Information on ecological effects

No risks known.

### 12.2 Ecotoxicity value

Non ecotoxic

### 12.3 Mobility

Air – None

Soil – Low soil mobility

Water – Non water soluble

### 12.4 Persistence and degradability

The product is not biologically degradable.

### 12.5 Bio accumulative potential

The appreciated bio accumulative potential is very low.

### 12.6 Other adverse effects

No data available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Disposal operations

The product can be recycled. The product is not classified as dangerous, so it can be damped like a solid urban waste. Arrange for disposal by a licenced waste disposal company. Dispose of in compliance with all local and national regulations. Contact local authority.

### 13.2 European waste catalogue (EWC)

Waste code: 17-03-02 (Mixtures of bitumen without 17-03-01).

The waste code is a recommendation for the estimated use of the waste.

Other waste codes are possible. Please contact waste disposal contractor.

## 14. TRANSPORT INFORMATION

### 14.1 UN number

This product is not classified under the Transport Regulations.

### 14.2 UN proper shipping name

Not applicable.

**14.3 Transport hazard class(es)**

Not applicable.

**14.4 Environmental hazards**

Environmentally hazardous: No

Marine pollutant: No

**14.5 Special precautions for user**

Special precautions: No special precautions.

Tunnel code: Not Applicable

Transport category: Not applicable

## 15. REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This product is not classified under CLP or REACH.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out.

## 16. OTHER INFORMATION

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.