

## 1. IDENTIFICATION OF THE SUBSTRATE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Trade name/designation: Caltech Preparation Layer.

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Preparation layer.

### 1.3 Manufacturer/Supplier

Supplier:  
Alumasc Building Products Ltd  
White House Works, Bold Road, Sutton, St Helens, Merseyside, United Kingdom, WA9 4JG  
Tel: +44 (0)1744 648400  
e-mail: [technical@alumascroofing.com](mailto:technical@alumascroofing.com)

### 1.4 Manufacturer/Supplier

Emergency telephone: 01744 648 400 - (Mon-Thurs – 08.30-17.00 Fri – 08.30-16.00)

## 2. HAZARDS IDENTIFICATION

On the basis of our knowledge there are no substances involved that are likely to be hazardous to man in normal use. During application using hot bitumen there is a risk of burns. Maximum processing temperature 200°C.

## 3. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS

### Main components:

Rag fibre base, paper, polyester, glass fibre base, Hessian, oxidised bitumen, polymer modified bitumen, aluminium foil, resin /plasticizers, anti-root additive, mineral surfacing/stabiliser.

### Substances presenting a health hazard:

None fully compliant with REACH legislation.

## 4. FIRST AID MEASURES

Skin: If burnt as a result of contact with hot bitumen, cool the affected part with clean, cold water. Obtain medical advice and treatment.

Eyes: Irrigate with clean water and obtain medical advice.

Ingestion: Ingestion is unlikely in normal use.

Inhalation: Inhalation is unlikely in normal use.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

Suitable: Carbon Dioxide, dry chemicals, foam.  
Not to be used: Water.

## 6. ACCIDENTAL RELEASE MEASURES

Not applicable.

## 7. HANDLING AND STORAGE

Store rolls vertically and protect from heat source. Use gloves and goggles when installing the membrane using hot bitumen.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Occupational exposure limit:**

Bitumen fumes: OES (8h) 5mg/m<sup>3</sup>.  
OES (15 mins) 10 mg/m<sup>3</sup>.

**Personal protection (when installing membrane):**

Wear suitable breathing equipment in case of risk of exposure to fumes.  
Heat resistant gloves.  
Safety non-slip shoes.  
Protective clothing.  
Eye protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20°: Solid.  
Colour: Brown to black.  
Flash point: > 250°C.  
Auto ignition temperature: > 350°C.  
Water solubility: None.

## 10. STABILITY AND REACTIVITY

Stability: Stable under normal operating conditions.  
Materials to avoid: The product will break down when solvents are applied. Water on hot product.  
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 toxic.

## 12. ECOLOGICAL INFORMATION

**Information on ecological effects:**

No risks known.

**Mobility:**

Air: None.  
Soil: Low soil mobility.  
Water: Non water soluble.  
Biodegradation: Non biodegradable.  
Bio accumulative potential: Very low  
Ecotoxicity: Non ecotoxic.

## 13. DISPOSAL CONSIDERATIONS

**Authorised disposal (according to Local Regulations):**

To be considered as industrial waste.  
Can be recycled.

## 14. TRANSPORT INFORMATION

Not restricted for transport.

## 15. REGULATORY INFORMATION

Fully compliant with REACH legislation and EEC directives.

## 16. OTHER INFORMATION

Further information can be found in Technical Data Sheets available on request.

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.

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