

## Bituminous Roofing Membranes

Product Ref: (DsC5-0209)

Issue No: 05-0516

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

#### 1.1 Product identifier

Relevant identified uses of the substance or mixture and uses advised against:  
Waterproofing membrane to be used in construction.

#### 1.2 Supplier Details

Langley Waterproofing Systems Ltd  
Langley House, Lamport Drive, Heartlands Business Park, Daventry Northants NN11 8YH

Phone: 01327 704778

Fax: 01327 704845

Email: [enquiries@langley.co.uk](mailto:enquiries@langley.co.uk)Web: [www.langley.co.uk](http://www.langley.co.uk)

### 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

The product does not need to be labelled in accordance with regulations (CE) 1907/2006 - 1272/2008 on classification, packaging and labelling of dangerous substances.

EC number: Not applicable.

#### 2.1 Label elements (R - S):

Symbol(s): None according to the regulation (EC) No 1907/2006 - 1272/2008 and amending.

R-phrases(s): None according to the regulation (EC) No 1907/2006 - 1272/2008 and amending.

S-phrases(s): None according to the regulation (EC) No 1907/2006 - 1272/2008 and amending.

Other hazards: None.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Description of the mixture: Mixture of organic compounds with high molecular weight.

Component(s) contributing to the hazard: None according to the regulation (EC) No 1907/2006 - 1272/2008 and amending.

### 4. FIRST AID MEASURES

General advice:

No hazards which require special first aid measures.

Inhalation:

The inhalation is not a way of relevant exposure. Move to fresh air in case of accidental inhalation of vapours or decomposition of products.

Skin contact:

Do NOT use solvents or thinners. There is a risk of burns when touching molten hot material.

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**Eye contact:**

There is a risk of burns when touching molten hot material. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Ingestion:**

Not applicable.

**Most important symptoms and effects, both acute and delayed:**

For symptom description, see item 11.

**Inhalation:**

None under normal use.

**Skin contact:**

None under normal use.

**Eyes contact:**

None under normal use.

**Ingestion:**

None.

Indication of any immediate medical attention and special treatment needed: Treat as any burn would be treated when caused by a flame.

## 5. FIREFIGHTING MEASURES

**Extinguishing media:**

Alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), powder, water spray.

**Extinguishing media which must NOT be used for safety reasons:**

Do not use water jet.

**Special hazards arising from the substance or mixture:**

Fire will produce dense black smoke. Decomposition of products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

**Advice for firefighters:**

Wear a self-contained breathing apparatus.

**Specific method(s):**

Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Not applicable.

**Environmental precautions:** Not applicable.

**Methods and material for Containment and cleaning up:**

Place in a suitable container for disposal in accordance with the waste regulations (see section 13).

**Reference to other sections:** Not applicable.

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### 7. HANDLING AND STORAGE

#### 7.1 Handling:

Precautions for safe handling: Material handling requires no special precaution measures.

Technical condition(s): No special technical protective measures required.

#### 7.2 Storage:

Conditions for safe storage, including any incompatibilities:

Keep away from heat/sparks/open flames/hot surfaces — No smoking.

Technical condition(s): Not applicable.

Storage condition(s): Store in original container.

Packaging / tank material: Made of the same material as the supply container.

Specific end use(s): None.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1 Control parameters:

Exposure limit(s): Not applicable.

Engineering measure(s): Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

#### 8.2 Exposure controls:

Respiratory protection: Not applicable.

Hand protection: Wear suitable gloves.

Skin and body protection: The personnel should wear protective clothing.

Eye protection: None.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties:

Appearance: Solid in various forms at ambient temperature.  
Pasty to liquid when close and above melting temperature.

Colour: Black.

Odour: None.

PH: Not applicable.

Flash point: Not applicable.

Explosion limits: Not applicable.

Relative density (water = 1): 950 - 1500 kg/m<sup>3</sup> (20°C).

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### 9.2 Other information:

Water solubility:	Non-miscible.
Fat solubility:	Swells up, eventually is soluble.
Solvent solubility:	Soluble in most organic solvents.

## 10. STABILITY AND REACTIVITY

Reactivity:	Stable under the recommended storage and handling conditions (See Section 7).
Chemical stability:	Stable under the recommended storage and handling conditions (See Section 7).
Possibility of hazardous reactions:	Not applicable.
Conditions to avoid:	Direct sunlight. Extremely high or low temperatures.
Incompatible materials:	Strong acids. Strong bases.
Hazardous decomposition products:	When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, Nx Oy.

## 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects: There is no data available on the product itself.

### Acute toxicity:

Inhalation:	None under normal use.
Skin contact:	None under normal use.
Eyes contact:	None under normal use.
Ingestion:	None.

## 12. ECOLOGICAL INFORMATION

Toxicity:	Ecological problems are not known or expected under normal use.
Persistence and degradability:	Not established.
Bioaccumulative potential:	Not established.
Mobility in soil:	Not available.
Other adverse effects:	Not available.
Results of PBT and vPvB assessment:	There is no data available on the product itself.
Additional information:	Avoid release to the environment.

## 13. DISPOSAL CONSIDERATIONS

Waste disposal recommendations: Dispose in a safe manner according to local regulations.  
Ecology - waste materials: Avoid release into the environment.

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**14. TRANSPORT INFORMATION**

General information(s):	Not regulated.
UN number:	Not applicable.
UN proper shipping name:	Not applicable.
Special precautions for user:	Not applicable.
UN proper shipping name:	COATING SOLUTION (includes surf ace treatments or coatings used f or industrial purposes such as vehicle under coating, drum or barrel lining).

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

**15. REGULATORY INFORMATION**

Safety, health and environmental regulations / legislation specific for the substance or mixture: Not applicable.

Chemical safety assessment: Not applicable.

This data sheet cancels and supersedes all previous editions. The information contained in this data sheet is based on current knowledge and experience. The purpose of this data sheet is to describe the specific product in terms of safety requirements. It does not constitute a warranty with regard to the product's properties and/or performance in use.