

# Safety Data Sheet

## ECOFLEX Synthetic PVC Membrane

### Section 1: Identification

#### 1.1 Identification of the substance or preparation

PVC Membranes.

#### 1.2 Use of the substance or preparation

Waterproofing Membranes.

#### 11.3 Details of the supplier of the safety data sheet

**Supplier:**

Axter Ltd, Harbour Landing, Fox's Marina,  
The Strand, Wherstead, Ipswich IP2 8NJ  
Tel: +44 (0) 1473 724056  
Email: [info@axterltd.co.uk](mailto:info@axterltd.co.uk)  
Website: [www.axter.co.uk](http://www.axter.co.uk)

#### 1.4 Emergency telephone:

Axter Ltd - +44 (0) 1473 724056  
(this line is open from 8.00 am to 5.30 pm, Monday to Friday).  
In the event of a medical enquiry involving this product, members of  
the public should contact:  
NHS 111  
a doctor or  
a local hospital accident and emergency department.  
The NPIS (National Poisons Information Service) helpline is available  
for enquiries from medical professionals only.  
Tel: 0344 892 0111

## Section 2: Hazards Identification

### 2.1 Classification of the substance or mixture

Health injuries are not known or expected under normal use

### 2.2 EC Number

N/A

### 2.3 Contains

Antimony trioxide

### 2.4 Label elements

(R-S)

#### 2.4.1 Symbols

None according to the Regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations

#### 2.4.2 R-Phrases

None according to the Regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations

#### 2.4.3 S Phrases

None according to the Regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations

### 2.5 Most important hazards

Health injuries are not known or expected under normal use

### 2.6 Other hazards

None under normal use

## Section 3: Composition/Information about Components

### 3.1 Description of the mixture

PVC Membrane (article)

Producer of the article

### 3.2 Components contributing to the hazard

#### ANTIMONY TRIOXIDE

CAS No. 1309-64-4

EC No. 215-175-0

Index No. 051-005-00-X

Concentrated Weight: (Weight %)  $1 < C \leq 5$

R-S Classification: Carc. Cat. 3, R40

SGH: SGH08 - Carc. 2

Health Hazard Warning H351

The wording of the sentences are found in Section 16.

## Section 4: First aid measures

- 4.1.1 General Advice** In case of doubt of persistent symptoms, always consult a doctor.
- 4.1.2 Inhalation** Health injuries are not known or expected under normal use.
- 4.1.3 Contact with the skin** Health injuries are not known or expected under normal use.
- 4.1.4 Contact with the eyes** Health injuries are not known or expected under normal use.
- 4.1.5 Ingestion** Health injuries are not known or expected under normal use.
- 4.2 Indication of any immediate medical attention or special treatment needed** May cause burns due to the application method of the membrane.

## Section 5: Fire-fighting procedures

- 5.1 Suitable extinguishing means**  
Powder, alcohol-resistant foam, water spray, carbon dioxide.
- 5.2 Extinguishing means not recommended**  
Do not use water stream as it may scatter and spread fire.
- 5.3 Special hazard - control of exposure**  
Decomposition of products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.
- 5.4 Individual protective equipment**  
Due to toxicity of the gases emitted during thermal decomposition of the products, the assisting staff must wear a face mask with combined type B-P2 cartridge. Self contained breathing apparatus must be worn in medium confinement locations or in close proximity, in addition to temperature resistant clothes, gloves and shoes.

## Section 6: Procedures to adopt in case of accidental dispersal

- 6.1 Individual precautions**  
Not applicable. PVC membrane - solid
- 6.2 Environmental precautions**  
None. PVC membrane - solid
- 6.3 Cleaning methods**  
Not applicable.

## Section 7: Handling and storage

- 7.1 Handling**  
The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments. Comply with manual handling regulations and train personnel accordingly.
- 7.2 Storage**  
Keep away from open flames, hot surfaces and sources of ignition.  
Protect from sunlight and moisture.  
Keep away from heat .  
Packaging is made from the same material as the supply container.
- 7.3 Specific end use(s)**  
Waterproofing.

## Section 8: Control of exposure / individual protection

### 8.1 Exposure limit values

Name	Unit	Value
Antimony trioxide	mg/m <sup>3</sup>	0.5

### 8.2 Exposure control

Respiratory protection.

During torch application, work outdoors or in ventilated premises. Use of a mask equipped with a filter is recommended.

#### Hand protection

During application, heat-resistant protective gloves (with sleeves over the gloves).

#### Eye protection

During application, safety goggles and/or visors are recommended to avoid splashing.

#### Skin protection

During application, protective creams can be used for exposed parts of the skin.

### 8.3 Environment exposure control

Not applicable

## Section 9: Physical and Chemical Properties

### 9.1 General

Physical state	Solid at room temperature. Present sheet form.
Smell	Not applicable

### 9.2 Properties

Property	Value	Complementary information
pH	Not determined	--
Melting point	Not applicable	--
Boiling point	Not determined	--
Flash point	Not applicable	--
Ignition temp.	Not applicable	--
Explosion limits	Not applicable	--
Vapour pressure	Not applicable	--
Relative density (water = 1)	1.2 g/cm <sup>3</sup>	
Water solubility	Not determined	
Solvent solubility	Not applicable	
Viscosity	Not determined	
Fat solubility	Not applicable	

## Section 10: Stability and Reactivity

### 10.1 Reactivity

Stable in use and storage conditions as recommended in item 7.

### 10.2 Chemical Stability

Stable in use and storage conditions as recommended in item 7.

### 10.3 Possibility of hazardous reactions

None reasonably foreseeable.

### 10.4 Conditions to be avoided

None reasonably foreseeable.

### 10.5 Incompatible materials

None reasonably foreseeable.

### 10.6 Hazardous decomposition products

In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

## Section 11: Toxicological Information

Acute toxicity	None under normal use
Inhalation	None under normal use
Skin contact	None under normal use
Eye contact	None under normal use
Ingestion	None under normal use

## Section 12: Ecological Information

### 12.1 Toxicity

Ecological problems are not known or expected under normal use.

### 12.2 Persistence and degradability

Not determined.

### 12.3 Bioaccumulative potential

N/A

### 12.4 Mobility in soil

Solid

### 12.5 Results of PBT and vPvB assessment

N/A

### 12.6 Other adverse effects

None under normal use

## Section 13: Disposal considerations

### 13.1 Waste treatment methods:

If recycling is not possible, dispose in accordance with local valid waste disposal regulations.

### 13.2 Contaminated packaging:

Offer packaging materials to local recycling facilities.

## Section 14: Information concerning transport

### 14.1 General Information

Not classified as dangerous in the meaning of transport regulations.

### 14.2 UN Number

N/A

### 14.3 Environmental Hazards

None

### 14.4 Special precautions for user

N/A

### 14.5 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

N/A

## Section 15: Statutory Information

The product does not need to be labelled in accordance with regulation (CE) 1907/2006 - 1999/45 with their modifications and adaptations on classification, packaging and labelling of dangerous substances.

The product does not need to be labelled in accordance with regulation (CE) 1907/2006 - 272/2008 with their modifications and adaptations on classification, packaging and labelling of dangerous substances.

Producer of an article.

## Section 16: Other Information

### Important notice:

The information given in this safety data sheet is based on our current knowledge and experience and is not a guarantee of the properties of the product. It is advisable to convey the data contained in this safety data sheet to the users.

No liability shall be accepted for the use of the data taken from this safety data sheet. It is the responsibility of the user of this product to comply with regulations and standards in force.

### R Phrases:

R40 Limited evidence of carcinogenic effect

H351 Suspected of causing cancer

**Restrictions:** This information refers specifically to the products described and cannot be used for other products.

**Revised according to guidelines.**

**Previous revision:** September 2013

The information given in this safety data sheet is based on our current knowledge and experience and is not a guarantee of the properties of the product. The information should not be taken as guarantee of specific performance and users should make their own assessment and make all relevant personnel aware. It is the responsibility of the user of this product to comply with regulations and standards in force. The wearing of appropriate safety equipment is strongly recommended as a precaution and the product should only be used in its design application.

The data contained in this SDS has been supplied as required by the EC REACH Regulation No. 1907/2006 and the EC Regulation No. 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company who are capable of acting on the information.

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