

Material Safety Data Sheet

ECOFLEX & ECOLINE Synthetic PVC Membrane

1 Identification

1.1 Identification of the substance or preparation PVC Membranes.

Use of the substance or preparation Waterproofing Membranes.

1.2 Identification of the company

Axter Ltd

1.3 West Road, Ransomes Europark, Ipswich IP3 9SX, UK

Tel: + 44 1473 724056 (8.00 am to 5.30 pm, Monday to Friday)

1.4 Emergency Telephone Axter: +44 1473 724056 (8.00am to 5.30pm Monday to Friday. In the event of a medical enquiry relating to these products, contact a doctor or local hospital accident and emergency department.

2 Composition / Information about the components

2.1 Identification of the substance or preparation

PVC, glass fibre, glass mat or polyester.

2.2 Hazardous substances for the health or environment

None.

2.3 Substances declared as not classified as hazardous

None.

3 Identification of the dangers

3.1 Principal dangers

Physical/Chemical: this product is not classified as inflammable and dangerous, although it is a hydrocarbon product and can burn.

3.2 Specific dangers

Prolonged exposure to fumes and vapour emanating during torch application of the product can, in certain cases, cause throat irritation, coughing or nausea.

4 First aid

Inhalation

When a situation such as that described in item 3 occurs, the affected person must be given fresh air.

Contact with the skin

No risks observed at room temperature. If contact with hot or melted materials occurs, cool affected area with water. Adhered material should not be removed and medical assistance should be sought immediately.

Contact with the eyes

Not applicable.

Ingestion

Not applicable.

5 Fire-fighting procedures

5.1 Suitable extinguishing means

Foam, dry chemical powder, carbon dioxide, sand and water sprinkler (mist).

5.2 Extinguishing means not recommended

Do not use water stream.

5.3 Control of exposure

Combustion of the PVC produces HCl formation. Exposure to decomposition products can be hazardous.

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.

6 Procedures to adopt in case of accidental dispersal

6.1 Individual precautions

Not applicable.

6.2 Environmental precautions

None.

6.3 Cleaning methods

Not applicable.

7 Handling and storage

7.1 Handling

None.

7.2 Storage

None.

7.3 Specific utilisation

Do not store the rolls without the original protective film.

8 Control of exposure / individual protection

8.1 Exposure limit values

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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

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 applicable	--
Melting point	Not applicable	--
Boiling point	Not applicable	--
Flash point	Not applicable	--
Ignition temp.	Not applicable	--
Explosion limits	Not applicable	--
Vapour pressure	Not applicable	--
Density	1357/g/cm ³	DIN 53479
Water solubility	Insoluble	
Solvent solubility	Not applicable	
Viscosity	Not applicable	
Vapour density	Not applicable	

9.3 Additional information

Melt T ^a	74°C
Decomposition T ^a	120°C long exposition

10 Stability and Reactivity

10.1 Conditions to be avoided

The product is stable under normal storage and handling conditions.

10.2 Material to be avoided

The product should be stored in a dry place.

10.3 Dangerous decomposition of products

Burning can generate decomposition products such as HCl.

11 Toxological Information

High toxicity	Not applicable.
Irritation	Not applicable.
Sensitiveness	Not applicable.
Chronic toxicity	Not applicable.
Exposure limits	Not applicable.

Additional info None.

12 Ecological Information

12.1 Ecotoxicity

Not applicable.

12.2 Mobility

Not applicable.

12.3 Degradability

Low biodegradability.

12.4 Biodegradability

Not applicable.

12.5 Other effects

Not applicable.

13 Disposal considerations

13.1 Product:

Disposal in authorised waste disposal facility.

13.2 Storage:

Packaging materials should be recycled according to local requirements.

14 Information concerning transport

ADR	None.
IMDG	None.
ICAO / IATA	None.
RID	None.
n. UN	Not applicable.

15 Statutory Information

Not subject to hazardous product labelling according to 67/548/CE guideline.

R Phrases None.

S Phrases None.

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.

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

Revised according to 2001/5/CE guidelines.

Previous revision: 2/3/2008