



SAFETY DATA SHEET

VCL MEMBRANES

REACH Regulation EC N° 1907/2006

SECTION 1 Identification of the Product

1.1. Product identifier

Product name : VCL Membranes

1.2 Identified Use

Building membranes

1.3. Details of the supplier of the safety data sheet

Fixfast Ltd
Merlin House
Seven Mile Lane
Borough Green
Sevenoaks
Kent
TN15 8QY

1.4. Emergency telephone number

Emergency telephone number +44 (0)845 450 7433 (Monday - Friday, normal office hours only)

SECTION 2 Hazards identification

2.1 Classification of the product

GHS: Not classified as Hazardous.

REACH: This Product contains no chemical substance that is listed Regulation (EC) No. 1272/2008 (CLP).

2.2. Label elements

Not applicable

2.3 Other hazards

None

SECTION 3 Composition/information on ingredients

3.1. Substances

A polyolefin preparation containing the following components:

- Calcium carbonate
- Co-polymers
- Pigments
- Processing aids
- Other thermoplastic resins

3.2 Mixtures

Not applicable

SECTION 4 First aid measures

4.1 Description of first-aid measures

After inhalation: Combustion/heated material - Remove person to fresh air and keep comfortable for breathing. If necessary seek medical advice.

After skin contact: Combustion/heated material - For serious burns from heated material, get medical attention. In case of skin contact, immediately immerse in or flush with clean, cold water. Do not attempt to remove adhered material from skin.

After eye contact: Combustion/heated material - Rinse eyes with water as a precaution. Obtain medical attention if irritation persists. In case of eye contact with hot material, cool immediately with plenty of water and obtain immediate medical treatment.

After ingestion: Remove material from mouth. Rinse mouth out with water. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

After inhalation: Irritating vapours may form when the polymer is heated to high temperatures.

After skin contact: Contact with skin or eyes with hot material may cause serious thermal burns to skin or eyes.

After eye contact: Dust from this product may cause minor eye irritation. Contact with skin or eyes with hot material may cause serious thermal burns to skin or eyes.

After ingestion: No effects are expected for ingestion of small amounts. May be a choking hazard.

4.3 Indication of any immediate medical attention or treatment needed

No information available

SECTION 5 Firefighting measures

5.1 Extinguishing media

For small fire - Dry chemical. Carbon dioxide. Water.

For large fire - Foam. Water spray.

Do not use high powered water jet as it may scatter and spread fire.

5.2 Special hazards arising from the product

Fire hazard:	May be combustible at high temperature.
Explosion hazard:	Vapours generated from overheating/melting/decomposition may be flammable and may cause fire/explosion if source of ignition is present
Hazardous decomposition products in case of fire:	Carbon oxides (CO & CO ₂), nitrogen oxides, ammonia, acids, aldehydes and other gases or vapours. Fire will produce dense black smoke. Soot.

5.3. Advice for firefighters

Firefighting instructions: Fight fire from safe distance and protected location. Apply aqueous extinguishing media carefully to prevent frothing/steam explosion. Prevent firefighting water from entering environment.

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Material creates a slipping hazard on hard surfaces.

6.2 Environmental precautions

Dispose of contaminated material at an authorized site.

6.3 Methods for material containment and cleaning up

Collect mechanically.

6.4 Reference to other sections

Additional information Sections 8 and 13

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Do not eat or drink when using this product. Do not overheat the product. Avoid contact with heated product to prevent burns. Prevent the build-up of electrostatic charge.

Advice on protection against fire and explosion: Avoid sources of ignition. Do not smoke when using this product. Do not overheat the product.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Store at room temperature in dry, well-ventilated area. Store in packaging, protect from heat and direct sunlight.

Advice on storage compatibility: Incompatible with strong oxidizing agents.

7.3 Specific end use

Building membrane

SECTION 8 Exposure Controls / Personal Protection

8.1 Control parameters

Adequate ventilation or respiratory equipment should be provided in areas where heat is applied to polyolefin membrane materials such as thermal welding and heat sealing to protect against fumes.

8.2 Exposure controls

Exposure control limits: No hazardous effects known

Respiratory protection: If heating the product, wear suitable respiratory equipment in case of insufficient ventilation. Fumes

generated by the heated material may be hazardous.

Hand protection: Wear suitable protective gloves when in contact with heated material.

Eye protection: Wear suitable protective goggles or face shield when in contact with heated material.

Skin protection: Wear suitable protective clothing when in contact with heated material.

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Solid sheet/film

Appearance: Rolls - product wound on cores

Colour: various

Odour: None

Melting point: ~ 100-110 °C

Ignition temperature: > 360 °C

Density (at 20 °C): ~ 0.91 0.97 g/cm³

Water solubility: Insoluble

9.2 Other information

none

SECTION 10 Stability and reactivity

10.1 Reactivity

Can create electrostatic charge

10.2 Chemical stability

Inert. Stable when handled and stored under normal conditions.

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

Temperatures > 300 °C. Build-up of electrostatic charge. Heat. Open flame. Sparks. Direct sunlight.

10.5 Incompatible materials

Strong oxidisers

10.6 Hazardous decomposition products

At temperatures > 300 °C, thermal decomposition gives off carbon oxides (CO & CO₂), nitrogen oxides, ammonia, acids, aldehydes and other gases or vapours.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

No evidence of acute toxicity reported
No known reports of skin sensitisation

SECTION 12 Ecological information

12.1 Toxicity

The product is not considered dangerous to the environment or harmful to aquatic organisms.

12.2 Persistence and degradability

Not biodegradable.

12.3 Bioaccumulative potential

Not expected to bioaccumulate through food chains in the environment.

12.4 Mobility in soil

Low.

12.5 PBT and vPvB assessment

No information.

12.6 Other adverse effects

No adverse effects known.

SECTION 13 Disposal considerations

13.1 Advice on disposal

Recycle the material as far as possible. Depending on local regulations, the product may be incinerated or disposed of in a landfill.

SECTION 14 Transport information

Road (ADR)

14.1. UN Number

Not classified.

14.2 UN proper shipping name

Not a hazardous material.

14.3 Transport hazard class(es)

Not regulated by ADR/RID, IATA, IMDG.

14.4 Packing group

Not a hazardous material.

14.5 Environmental hazards

Not a hazardous material.

14.6 Special precautions for user

Not a hazardous material.

14.7 Transport in bulk

Not a hazardous material.

according to MARPOL 73/78 Annex II

SECTION 15 Regulatory Information

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

Registration, Evaluation, Authorisation and restriction of Chemicals (REACH):

This Product contains is not classified as dangerous to Regulation (EC) No. 1272/2008.

Globally Harmonised System of Classification and Labelling of Chemicals (GHS):

No labelling requirements.

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16 Other information

As the product is classified as goods and not a chemical or chemical mix there is no obligation to make an MSDS for this material according to REACH.

However, the above information describes the safety requirements of the product and is based on our present-day knowledge. It is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products, the information on this safety data sheet is not necessarily valid for the new made-up material. If the user is in any doubt concerning the information contained herein or requires any further information, the user must immediately contact Fixfast Ltd before handling or using the product.

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