Safety Data Sheet

Date prepared: 01/09/2018
Date revised: 30/05/2025 Version 3

1. Identification of the Substance/Preparation and the Company/Undertaking

1.1 Product Identification:	Polyethylene, polyolefin
Trade name:	• Visqueen Air and Vapour Control Layers: (Vapour Check, Vapour Barrier, Visqueen NF-Vapour Barrier) • Visqueen Damp Proof Courses: (Zedex CPT High performance DPC, Zedex Housing DPC, Ultimate Gas DPC) • Visqueen Damp Proof Membranes: (DPM, High Performance DPM) • Visqueen Gas Membranes: (Low Permeability Gas Membrane, R400 Radon Membrane, Radonblok 400 and 600, Gas Barrier NF-400, Ultimate Gas Barrier NF-500 and NF-600, Ultimate HC BLOK) • Visqueen Waterproofing Membranes: (CM20 and CM8, Protect&Drain Pre-Applied, Ultimate GeoSeal) • Visqueen Stormwater Membranes: (UDG and High Performance UDG) • Visqueen carrier films for tapes • Visqueen TreadGuard 1500 • Visqueen Temporary Protection Sheeting • Visqueen Gas Vent Mat
1.2 Intended use	Polyethylene based membranes to be used for various construction applications
1.3 Company/undertaking name & address:	British Polythene Limited t/a Visqueen Heanor Gate Industrial Estate Heanor Derbyshire DE75 7RG
1.4 Emergency telephone:	+44 (0) 333 202 6800
Email:	enquiries@visqueen.com

2. Hazards Identification

2.1 Classification of substance:	This product is not classified as dangerous, according to directive 1999/45/EC or 67/548/EEC (see section 15)
2.2 Labelling	Not Required
2.3 Other hazards Physical and chemical hazards / fire and explosion hazards:	Polythene can burn when ignited (for example when exposed to an external heat source)during the fire the polythene will melt and may generate drops that could propagate the fire.

- Toxic gases will form upon combustion. see section 5 “firefighting measures”.
- Decomposes. Flammable / toxic gases will form upon decomposition. see section 10 “stability and reactivity”.
- Product can accumulate electrostatic charges when rubbed, chafed, or abraded. static discharge in the presence of volatile or flammable mixtures presents a potential fire or explosion hazard.

3. Composition

3.1 Chemical name:	Polyethylene
Chemical formula:	(C2H4)x
CAS ref:	9002-88-44
Chemical family:	Olefinic Polymer
3.2 hazardous components	None
3.3 Additives:	Dependent on product additives may include; colour pigments, slip, anti-block, anti-static, calcium carbonate, flame retardant, polyamide, ethylene-vinyl alcohol, anti-melt fracture, ultra violet inhibiters etc. additional information is available on special request.

4.1 First Aid Measures

Inhalation:	In case of adverse exposure to vapours and / or aerosols formed at elevated temperatures, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. keep at rest. call for prompt medical attention.
Skin:	Not applicable under normal working conditions. For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing, as the damaged flesh is easily torn.
Ingestion:	Forst aid is not normally required.
Eye contact:	This product is an inert solid. if in eye, remove as one would any foreign object.

5. Fire Fighting Measures

5.1 Fire extinguish methods:	Water spray, extinguishing powder, foam, carbon dioxide
5.2 Fire-fighting procedures**:**	Use suitable extinguishing media to cool fire, exposed surfaces and to protect personnel. block the supply to the fire. extinguish the fire by cooling. all unprotected personnel must leave the area immediately.
Advice for firefighters**:**	Respiratory and eye protection required for firefighting personnel. see section 3 “first aid measures” and 9 “stability and reactivity”.
5.3 Fire related hazards:	Under oxygen lean condition, carbon monoxide (co) and irritating smoke may be produced which may contain soot and cracked products: aldehydes, ketones, hydrocarbons and volatile fatty acids additionally if flame retardants are present, hydrogen bromide or hydrochloric gases may be produced. if eva is present this can form acetic acid (irritant).

6. Accidental Release Measures

6.1 General information: Sweep up spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

See section 4 “first aid measures” and 10 “stability and reactivity”.

7. Handling and Storage

7.1 Storage temperature (deg c):	ambient
Transport temperatures (deg c):	ambient
Loading/unloading temperature (deg c):	ambient
Viscosity (cst):	not applicable
Storage transport pressure (kpa):	atmospheric

7.2 Storage / handling, general notes:

- Do *not* handle or store near an open flame, sources of heat, or sources of ignition. protect material from direct sunlight.
- Care should be taken when storing and handling this product. Apart from the specific nature of the polythene product, conditions such as humidity, sunlight and temperature have an influence on the products final properties. The main hazards are associated with handling. these are related to pallet stock slippage and fork truck manoeuvres which can cause injury to personnel. for manual handling please follow the manual handling operation regulation 1992.

8. Exposure Controls and Personal Protection

General advice:
The use and choice of personal protection equipment is related to the hazard of the product, the workplace, and the way the product is handled.

Skin protection:
Direct contact with skin does not normally lead to skin irritation. no precautions other than clean body covering clothing should be needed.

Hand protection:
Wear heavy duty gloves to protect against skin abrasion or cuts.

Foot protection :
Wear safety shoes when handling rolls.

8.2 Environmental exposure controls:
see section 12.

9. Physical and Chemical Properties

9.1 Physical state:	Sheet material in roll form.
Form/Colour:	Various depending on pigment
Odour:	Odourless
9.2 Other Information	N/a

10. Stability and Reactivity

Conditions to avoid:	Stable under normal handling and storage conditions.
Materials to avoid:	Strong oxidizing agents, excess heat
Hazardous decomposition	Carbon dioxide (co_2), carbon monoxide (co), flammable hydrocarbons and fumes, if flame retardants are present, hydrogen bromide (HBR) or hydrochloric (HCI) gases may be produced. if eva is present acetic acid.may also be formed.

11. Toxicological Information

Acute:
Inhalation:

- negligible hazard at ambient temperatures (-18 to 38 deg c)
- vapours or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.
- dust may be irritating to eyes and respiratory tract.

Skin contact:

- negligible hazard at ambient temperatures (-18 to 38 deg c)
- exposure to hot material will cause thermal burns.

Eye contact:

- particulates may scratch eye surfaces / cause mechanical irritation.

Ingestion:

- minimal toxicity

12. Ecological Information

This product is not classified as a volatile organic compound, according to the directive 99/13/EC.

Environmental degradability: this substance is expected to persist.

13. Disposal Considerations

General information: The following advices only applies to the product as supplied. combination with other materials may well indicate another route of disposal.

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should in any case be taken to ensure compliance with EC, national and local regulations.

Suitable routes of disposal of this product are incineration in appropriate incinerators with energy recovery, disposal in landfills or appropriate recycling methods.

14. Transport Information

General information: Not regulated for Land, Inland waterways, sea or air transport.

15. Regulatory Information

Classification and labelling according to EEC directives
classification/symbol: not regulated
Governing directive: dangerous substances directive 67/548/EC, as modified.

16. Other Information

This information is given in good faith, being based on the latest knowledge available to British Polythene Limited t/a Visqueen. No known relevant information has been omitted from this data sheet and the information provided is designed to enable the user to use the product safely. The user should not assume on the basis of the information provided in this data sheet that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Visqueen for further advice before the proposed application is undertaken.

Additional information is available on special request

Version	Reason for Re-issue	Date
001	Updated in new format	01/09/2018
002	Products added	20/05/2024
003	Products added NF Range	30/05/2025
004		
005		