VISQUEEN

# Product Safety Information Sheet

## Visqueen Polyethylene Construction Products

*Prepared for the United Kingdom under UK REACH principles*

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| **Date prepared** | 27 October 2026 |
| **Version** | 001 |
| **Document status** | Published |

## SECTION 1: Product identification

### 1.1 Product identifier

| | |
|---|---|
| **Product name** | Visqueen Polyethylene Construction Products |
| **Product form** | Article |
| **Description** | Polyethylene and polyolefin sheet products, membranes, damp-proof courses, drainage and protection products, carrier films and related construction articles supplied principally in roll form. |
| **Typical format** | Sheet material in rolls or product-specific fabricated formats; dimensions, colour and construction vary by product. |

### 1.2 Relevant identified uses

| | |
|---|---|
| **Identified use** | Polyethylene-based products for damp-proofing, gas and radon protection, vapour control, waterproofing, stormwater attenuation, drainage, temporary protection and associated construction applications. |
| **Uses advised against** | Any use outside the applicable product technical data sheet, installation guidance or project specification. |

### 1.3 Products covered

- Air and vapour control layers: Vapour Check, Vapour Barrier and Visqueen NF-Vapour Barrier.
- Damp-proof courses: Zedex CPT High Performance DPC, Zedex Housing DPC, Zedex CPT Radon DPC and Ultimate Gas DPC.
- Damp-proof membranes: DPM and High Performance DPM.
- Gas membranes: Low Permeability Gas Membrane, R400 Radon Membrane, RadonBlok HP, 300, 400 and 600, Radex 3000 Gas Barrier, NF-400, Ultimate Gas Barrier NF-500 and NF-600, and Ultimate HC BLOK.
- Waterproofing membranes: CM20, CM8, Protect&Drain Pre-Applied and Ultimate GeoSeal.
- Stormwater membranes: UDG and High Performance UDG.
- Carrier films for tapes, TreadGuard 1500, Temporary Protection Sheeting, Gas Vent Mat and silage film.

### 1.4 Supplier and emergency telephone

| | |
|---|---|
| **Supplier** | British Polythene Limited t/a Visqueen |
| **Address** | Heanor Gate Industrial Estate, Heanor, Derbyshire, DE75 7RG, United Kingdom |
| **Telephone** | +44 (0) 333 202 6800 |
| **Email** | enquiries@visqueen.com |
| **Website** | www.visqueen.com |
| **Medical advice** | NHS 111 |

## SECTION 2: Hazards identification

### 2.1 Classification

The products are supplied as articles and are not classified as hazardous under GB CLP. They are not subject to classification and labelling as substances or mixtures when used as intended.

### 2.2 Label elements

No hazard labelling is required for the finished articles.

### 2.3 Other hazards

- Polyethylene can burn when ignited. In a fire it may melt and generate burning droplets that can spread fire.
- Thermal decomposition or combustion may release smoke, carbon monoxide, carbon dioxide and hydrocarbon decomposition products. Products containing particular additives may generate additional irritating or corrosive gases.
- The products can accumulate electrostatic charge when rubbed, chafed or abraded. Static discharge may present an ignition hazard in the presence of flammable vapours or mixtures.
- Rolls, pallets and loose sheet material may present manual-handling, crushing, slipping, trip or wind-lift hazards.
- Product-specific supplier declarations should be consulted where confirmation of SVHC, PBT or vPvB status is required.

## SECTION 3: Composition / information on components

| Component | Description |
|---|---|
| **Base polymer** | Polyethylene and/or other polyolefin polymers. |
| **Additives** | Depending on product: colour pigments, slip, anti-block, anti-static, calcium carbonate, flame retardant, polyamide, ethylene-vinyl alcohol, processing aids and ultraviolet stabilisers. |
| **Hazardous components** | None identified as requiring classification of the finished article on the basis of current information. |

The products are supplied as finished articles. This overview is provided for product safety communication and is not a formulation disclosure.

## SECTION 4: First-aid measures

| Exposure route | Recommended action |
|---|---|
| **Inhalation** | Not expected during normal use. If fumes, smoke or aerosols from heated material are inhaled, move the affected person to fresh air and obtain medical attention if symptoms persist. |
| **Skin contact** | No special measures are normally required. For contact with molten material, immediately cool the affected area with plenty of cold water. Do not remove adhered material or contaminated clothing. Cover with clean gauze and seek prompt medical attention. |
| **Eye contact** | Remove particles as for any foreign body and rinse cautiously with clean water. Obtain medical attention if irritation persists. |
| **Ingestion** | First aid is not normally required. Rinse mouth and obtain medical advice if unwell. |

## SECTION 5: Firefighting measures

### 5.1 Suitable extinguishing media

Water spray, foam, dry powder or carbon dioxide, selected according to the surrounding fire.

### 5.2 Special hazards

The products are not classified as flammable but will burn under fire conditions. Molten polymer may drip and propagate fire. Combustion may produce carbon monoxide, carbon dioxide, smoke, aldehydes, ketones, hydrocarbons and other irritating decomposition products. Where flame retardants or EVA are present, hydrogen halides or acetic acid may also be generated.

### 5.3 Advice for firefighters

Use self-contained breathing apparatus and suitable protective clothing. Cool exposed material with water spray where safe to do so and keep unprotected personnel away from the area.

## SECTION 6: Accidental release measures

- No special emergency measures are normally required for the solid articles.
- Loose sheet, offcuts, packaging or rolls may create slip, trip, handling or wind-lift hazards.
- Collect mechanically and place in a suitable container for reuse, recycling or disposal.
- Prevent unnecessary release to drains, watercourses or the environment.

## SECTION 7: Handling and storage

### 7.1 Safe handling

- Use good industrial hygiene and safe manual-handling practices.
- Wear suitable gloves when cutting or where abrasion from sheet edges is possible.
- Use suitable lifting aids or team handling for heavy rolls.
- Keep sheet and offcuts controlled in windy conditions.
- Do not handle or store near open flames, hot surfaces or ignition sources.

### 7.2 Storage

- Store in original packaging in dry, covered and well-ventilated conditions at ambient temperature unless the relevant product guidance states otherwise.
- Protect from direct sunlight, excessive heat, open flames and ignition sources.

- Store rolls and pallets securely to prevent movement, slippage, damage or collapse.
- Consider humidity, sunlight and temperature because prolonged or unsuitable storage may affect final product properties.

## SECTION 8: Exposure controls / personal protection

No occupational exposure limits apply to the finished articles during normal handling. Ingredient dust limits are not normally relevant because ingredients are bound within the article.

| Control | Guidance |
|---|---|
| **Engineering controls** | Normal workplace ventilation is adequate. Provide local extraction or other controls if hot work or processing generates fumes. |
| **Hand protection** | Wear heavy-duty or cut-resistant gloves as appropriate to protect against abrasion and cuts. |
| **Eye protection** | Safety glasses where required by the site risk assessment, particularly during cutting or mechanical processing. |
| **Skin/body protection** | Suitable work clothing and safety footwear. Wear safety shoes when handling rolls. |
| **Respiratory protection** | Not normally required. Use suitable respiratory protection if smoke or decomposition fumes may be present. |

## SECTION 9: Physical and chemical properties

| Property | Information |
|---|---|
| **Physical state** | Solid sheet, membrane or formed article, commonly supplied in roll form. |
| **Colour** | Various, depending on product and pigment. |
| **Odour** | Generally odourless. |
| **Water solubility** | Insoluble. |
| **Flammability** | Not classified as flammable; combustible under fire conditions. |
| **Flash point** | Not applicable to the finished article. |
| **Explosive properties** | Not applicable, although electrostatic charge can accumulate during handling. |
| **Oxidising properties** | Not oxidising. |

## SECTION 10: Stability and reactivity

| Topic | Information |
|---|---|
| **Reactivity** | No particular reactivity expected under normal conditions of use. |
| **Chemical stability** | Stable under normal ambient storage and use conditions. |
| **Hazardous reactions** | No dangerous reactions known under normal conditions of use. |
| **Conditions to avoid** | Excessive heat, direct flame, ignition sources and prolonged exposure to direct sunlight. |
| **Incompatible materials** | Strong oxidising agents. |
| **Hazardous decomposition products** | Fire or thermal decomposition may generate carbon oxides, smoke, flammable hydrocarbons and irritating fumes. Product composition may result in additional decomposition products as described in Section 5. |

## SECTION 11: Toxicological information

The finished articles are not classified as hazardous to health. Significant toxicological exposure is not expected during intended use. Particulates or cut edges may cause mechanical eye or skin irritation. Contact with molten polymer will cause thermal burns. Fumes produced by burning or overheating may be harmful if inhaled.

## SECTION 12: Ecological information

The finished articles are not classified as hazardous to the aquatic environment on the basis of current information. Polyethylene is expected to persist and is not readily biodegradable. Avoid uncontrolled release, littering or disposal into drains, watercourses or the environment. No specific mobility, persistence or bioaccumulation data are available for the full range of finished articles.

## SECTION 13: Disposal considerations

- Reuse uncontaminated material where practicable.
- Segregate and recycle product and packaging where technically suitable and local facilities exist.
- Dispose of waste through an authorised waste contractor in accordance with applicable local and national requirements.
- Energy recovery or licensed landfill may be appropriate where recycling is unavailable.
- Do not burn on site.

## SECTION 14: Transport information

| Mode / requirement | Status |
|---|---|
| **ADR / RID** | Not regulated. |

| Mode / requirement | Status |
|---|---|
| **IMDG** | Not regulated. |
| **IATA** | Not regulated. |
| **UN number** | Not assigned. |
| **Packing group** | Not applicable. |
| **Environmental hazards** | Not regulated as environmentally hazardous for transport. |

## SECTION 15: Regulatory information

### 15.1 UK regulatory status

The products are supplied as articles. A Safety Data Sheet is not required under Article 31 of UK REACH for these products on the basis of their current article status and classification. This Product Safety Information Sheet is provided voluntarily to communicate relevant information for safe handling, storage, transport and disposal.

### 15.2 Substances of very high concern

The SVHC status of the individual products should be supported by current raw-material and supplier declarations. This statement should be reviewed whenever formulations, suppliers or applicable UK REACH Candidate List entries change.

### 15.3 Chemical safety assessment

A chemical safety assessment has not been carried out for the finished articles.

## SECTION 16: Other information

This document has been prepared voluntarily using information available for the polyethylene construction product range. It is intended to support workplace risk assessment and safe product use. It is not a product specification and does not replace product technical data sheets, installation instructions or project-specific risk assessment.

### Document control

| Version | Reason for issue \| Date |
|---|---|
| **001** | Initial UK-focused Product Safety Information Sheet for Visqueen Polyethylene Construction Products \| 27/10/2026 |
| **002** | |
| **003** | |

### Disclaimer

The information is based on the present state of knowledge and available product information at the date of issue. It describes the products for health, safety and environmental purposes only and does not constitute a guarantee of technical performance. Users remain responsible for assessing workplace conditions, intended use and compliance with applicable legislation.