

Material Safety Data Sheet



Revision date: 03/06/2021

Version: 3

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

Identification/Trade name: Visqueen Zedex Non-Combustible DPC
Visqueen Flexible Non-Combustible Preformed Units

Applications: Damp proof course and cavity tray

Company/undertaking name & address: Visqueen
Heanor Gate Industrial Estate
Heanor
Derbyshire
DE75 7RG

Emergency telephone: +44 (0) 333 202 6800

Email: enquiries@visqueen.com

2. Hazards Identification

Classification of substance: Not applicable. This product is not classified under the European Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP) and its subsequent amendments.

Label elements

Hazard pictograms	not applicable
Signal word	not applicable
Hazard statements	not applicable
Precautionary statements	not applicable

Other physical hazards: WARNING: There are no major health hazards associated with the base fabric. However, material dust caused by sanding, grinding, cutting or sawing may cause eye or skin irritation.

Health hazards: If dust is generated, it could cause minor mechanical irritation to the respiratory tract and may cause temporary irritation or rash on skin.

Environmental hazards: No significant hazards. Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex III.

3. Composition – information on ingredients

General information: Not Applicable. This material is regulated as a mixture.

Mixtures: The material is defined as a mixture.

Description of mixture: Woven glass fabric coated with pigmented silicone.

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Hazardous ingredients:

Ingredient Name	Max Amount (wt %)	CAS #	Classification according to Regulation (EC) No. 1272 [CLP]
Oxides of silicon, aluminium, calcium, boron, magnesium fused in an amorphous, vitreous state.	98%	65997-17-3	Not a hazardous substance or preparation
Surface sizing (Complex mixture)	5%	-	Not a hazardous substance or preparation
Silicone rubber	30%	-	Not a hazardous substance or preparation

Note: The exact concentrations of the above listed chemicals are being withheld as a trade secret.

4. First aid measures

Skin:	Not applicable under normal working conditions. In the event of contact with dust, wash affected areas with soap and warm water
Ingestion:	Ingestion unlikely. Drink plenty of water if accidentally ingested
Eyes:	Not applicable under normal working conditions. In the event of contact with generated dust, flush eyes with copious amounts of water for at least 15 minutes
Other information:	Not applicable under normal working conditions. In the event of a fire or dust inhalation, remove to fresh air, drink water to clear throat and blow nose to evacuate fibres

Most important symptoms and effects, both acute and delayed

There are no major health hazards associated with the base fabric. However, material dust caused by sanding, grinding, cutting or sawing may cause eye or skin irritation. Wash off any dust in contact with the skin with a mild soap, and consider the use of barrier creams which can minimise skin irritation. If rash or itching persists, seek medical attention. If dust particles enter eyes, flush eyes with clear water for at least 15 minutes. If irritation persists seek medical attention. Sustained heating of the product can cause thermal decomposition of coating and may produce an irritating mixture of smoke and fumes.

Indication of any immediate medical attention and special treatment needed

The need to have special means for providing specific and immediate medical treatment available in the workplace is not expected.

5. Firefighting measures

Extinguishing media:	Suitable extinguishing media: All standard firefighting media (water, dry chemical, CO ₂ and foam)
Special hazards arising from the substance or mixture:	
Hazardous combustion products:	Formation of trace amounts of toxic gases is possible when heated or in case of fire.
Advice for firefighters:	In large fires, wear self-contained respiratory protective device

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6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Gloves should be worn to protect skin from abrasion or cuts - Standard Nitrile gloves.

Environmental precautions:

Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up:

Methods for cleaning up: Clean-up mechanically and dispose off as per Section 13.

Reference to other sections:

Refer to Section 7 for safe handling, Section 8 for personal protection and Section 13 for Waste disposal.

7.1 Handling and Storage

Precautions for safe handling:

Minimise airborne dust when sanding, grinding, cutting or sawing the material. While not applicable under normal conditions, do wear an approved mask or respirator if dust concentration exceeds local control limits or dust concentration is not known. Decomposition fumes are generated when exposed to high temperatures. Avoid contact with skin and eyes.

7.2 Handling and Storage

Safe storage:

Products should be protected from ingress of water. Store in dry conditions. Ensure stability of products when stacked.

8. Exposure Controls and Personal Protection

Control parameters:

Exposure controls for hazardous components:

Glass Fibre WEL (Workplace Exposure Limit) 8hr TWA 5.0 mg/m³

Silicone Dust -WEL (Workplace Exposure Limit) 8hr TWA 6.0 mg/m³

Silicone Fume -WEL (Workplace Exposure Limit) 8hr TWA 0.6mg/m³

Silicone fume has the potential to produce carcinogenic Nitrosamines and noxious substances.

Exposure controls:

Engineering controls require no specific measures

Personal protective equipment is recommended, especially when material is cut into.

Respiratory: Appropriate respiratory protection if necessary.

Hand: Sensitive individuals may need to wear gloves.

Eye: Wear goggles, especially when working above shoulders.

Skin: Wear long sleeved clothing to cover exposed skin.

Environmental controls:

Protect the environment by applying appropriate control measures to prevent or limit emissions.

9. Physical and Chemical Properties

Form:

Coated woven fabric

Odour:

None

Colour:

Various

Specific gravity:

N/A

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Melting point/range:	Glass Fibre > 800°C (1472°F) Silicone Coating > 250°C (> 482°F)
Flash point:	N/A
Boiling point/range:	N/A
Auto ignition temp	N/A

10. Stability and Reactivity

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability:	The mineral fibre is stable. The coating and the binders will decompose at temperatures over 250°C
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Exposures to temperatures above 200°C.
Incompatible materials:	None.
Hazardous decomposition products:	None in normal conditions of use. The coating/binders will start to decompose at temperatures above 250°C releasing fumes with traces of toxic gases.

11. Toxicological Information

Skin corrosion/irritation:	Prolonged contact may cause slight skin irritation with local redness.
Serious eye damage/eye irritation:	Mechanical irritant to eyes.
Respiratory sensitization:	Pre-existing upper respiratory and lung diseases may be aggravated.
Aspiration Hazard:	May be harmful if swallowed and enters airways.

12. Ecological Information

General information:	Mineral fibres are not readily, but potentially biodegradable. No known harmful effects on the environment.
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13. Disposal Considerations

General information:	Dispose as solid waste according to local regulations.
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14. Transport Information

General information:	No special requirements. This product is not covered by international regulations on the transport of dangerous goods.
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15. Regulatory Information

General information:

No labelling is required for this material under the European Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP) and its subsequent amendments.

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization.

Annex XIV - None of the components are listed.

Substances of very high concern - None of the components are listed.

Chemical Safety Assessment:

Not applicable.

16. Other Information

Please refer to Visqueen technical literature and product installation guides for further information. These are available on the company website www.visqueen.com

Disclaimer

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products. Visqueen shall not be held responsible for any defect in the product covered by this SDS should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.