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## Product Safety Information

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The composition information contained in this document is provided to satisfy the requirements of Regulation (EC) No 1907/2006 (REACH), Article 33. Other information is provided voluntarily and is not subject to regulatory requirement.

### 1 Identification of the product and of the company / undertaking

#### 1.1 Product Identifier

Kingspan nilvent®.

#### 1.2 Relevant identified uses of the product

Breathable membrane for unventilated pitched roofs and timber frame walls. No uses advised against on physical, health or environmental grounds based on the provisions of the REACH Regulation.

#### 1.3 Details of the supplier of the Product Safety Information Sheet

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### 2 Hazards Identification

#### 2.1 Classification

Not classified as a hazardous material when handling or under normal use.

#### 2.2 Label elements

The product is an article and therefore is not subject to safety classification and labelling in accordance with EC-directives or respective national laws.

#### 2.3 Other hazards

None known.

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### 3 Composition information

Not relevant.

Kingspan nilvent® is compliant to REACH registration obligations; Registration number(s) may not be provided because substance(s) are exempted, not yet registered under REACH or are registered under another regulatory process (biocide uses, plant protection products), etc.

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### 4 First aid measures

#### 4.1 Description of first aid measures

General: No hazards which require special first aid measures.

#### 4.2 Most important symptoms and effects, both acute and delayed

Not applicable.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Not applicable.



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## 5 Firefighting measures

### 5.1 Extinguishing media

Suitable media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable media: Not applicable.

### 5.2 Special hazards arising from the product

Special exposure hazards: In fire conditions, toxic decomposition products may be formed. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### 5.3 Advice for firefighters

Firefighters should use self-contained breathing apparatus and suitable protective equipment.

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## 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Not applicable.

### 6.2 Environmental precautions

Not applicable.

### 6.3 Methods and material for containment and cleaning up

Not applicable.

### 6.4 Reference to other sections

See Section 8 for PPE.  
See Section 13 for Disposal considerations.

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## 7 Handling and storage

### 7.1 Precautions for safe handling

Material can create slippery conditions.  
Take precautionary measures against static discharges.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in original packing in a location free from any ignition hazard such as open flames, cutting and welding torches, high surface temperature electric heaters and other forms of direct radiant heat. Keep product protected from the elements. Ensure stability of stack and provide adequate aisle space for access between stacks.

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## 8 Exposure controls / personal protection

### 8.1 Control parameters

No specific measures.

### 8.2 Exposure controls

Inhalation: Respiratory protection should not be required for normal use and handling. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hands: Not applicable.

Eyes: Not applicable.

Skin: Not applicable.

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form: Sheets, roll.

Odour: Mild.

pH: Not applicable.

Melting point: Not applicable.

Decomposition temperature: Not applicable.

Flash point: Not applicable.

Auto-ignition temperature: Not applicable.

Solubility in water: Not applicable.

### 9.2 Other information

No other data to be specially mentioned.

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## 10 Stability and reactivity

### 10.1 Reactivity

Not reactive.

### 10.2 Chemical stability

Not applicable.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Take precautionary measures against static discharges.

### 10.5 Incompatible materials

None specified.

### 10.6 Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

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## 11 Toxicological Information

### 11.1 Information on toxicological effects

This product has no known adverse effect on human health.

### 11.2 Information on other hazards

In fire conditions, toxic decomposition products may be formed. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>), see Section 10.

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## 12 Ecological information

### 12.1 Toxicity

In fire conditions, toxic decomposition products may be formed. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>), see Section 10.

### 12.2 Persistence and degradability

Not applicable.

### 12.3 Bio-accumulative potential

No anticipated bio-accumulative potential.

### 12.4 Mobility in soil

No anticipated mobility.

### 12.5 Results of PBT and vPvB assessment

No such assessment is required for products such as nilvent®, since the assessment of persistence, bioaccumulation and toxicity only applies at the substance level. In this respect those substances contained in nilvent® are not known to possess any of these properties, although appropriate management at end-of-life is still recommended.

### 12.6 Endocrine disrupting properties

No data available.

### 12.7 Other Adverse Effects

This product has no known ecotoxicological effects.

## 13 Disposal considerations

### 13.1 Waste treatment methods

Waste product should be disposed of in accordance with local regulations and/or the Waste Hierarchy – Reduce, Re-use, Recycle.

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## 14 Transport information

Read this section in conjunction with Section 7.

Ensure security of load and where necessary sheeting / roping should be used.

It is recommended that mechanical lifting equipment is used when moving bulk quantities.

## 15 Regulatory information

### 15.1 Safety, health and environmental regulations / legislation specific for the product

Since product covered by this Product Safety Information sheet is not identified as hazardous waste under the Waste Framework Directive (EU 851/2018) and does not contain substances that display hazardous endpoints under GHS or are classified under CLP (EC 1272/2008), there are no regulations currently applicable to nilvent®.

### 15.2 Chemical safety assessment

No assessment required.

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## 16 Other information

### Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE	Acute toxicity estimate.
CAS-No.	Chemical Abstracts Service number.
CLP	Classification, Labelling and Packaging.
EbC50	Concentration at which 50% reduction of biomass is observed.
EC50	Median effective concentration.
EN	European Norm.
EPA	Environmental Protection Agency.
ErC50	Concentration at which a 50% inhibition of growth rate is observed.
EyC50	Concentration at which 50% inhibition of yield is observed.
IATA_C	International Air Transport Association (Cargo).
IBC	International Bulk Chemical Code.
ICAO	International Civil Aviation Organization.
ISO	International Standard Organization.

The information contained here is offered in good faith and is based on our current knowledge.

We thereby maintain the right to update and amend this document as necessary.

The information should not be taken as a guarantee of specific performance and users should make their own assessment and make all applicable personnel aware accordingly.

The wearing of appropriate safety equipment is strongly recommended as a precaution and the product should only be used in its design application. Please refer to Sections 7 and 8 for safe handling and appropriate safety measures.

Users should visit the Kingspan Insulation website or contact the Kingspan Insulation Technical Service Department to ensure information is current.

This data sheet does not constitute a workplace assessment. The information provided represents the state of our knowledge regarding this material at the date of its publication. The information provided does not constitute a product specification and no warranty expressed or implied is hereby made.

The information relates only to the specific material designated when used in applications it has been designed for. This information may not be valid for such material used in combination with any other materials or in any other processes, unless specified in the text.

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To access pre-existing product information or information relating to previously sold/discontinued products please email [literature@kingspaninsulation.co.uk](mailto:literature@kingspaninsulation.co.uk).

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