

# SOPREMA VINITEX FB

TECHNICAL DATA SHEET

ANZ-TDS-19-VINITEX FB



WATERPROOFING

APPLICATIONS

ROOFS

GREEN ROOFS

PLANTER BOXES

## DESCRIPTION

**SOPREMA VINITEX FB** is a synthetic PVC-P membrane obtained by cast process, dimensionally stabilized by a 50 g/m<sup>2</sup> glass fibre reinforcement and coupled to 200 g/m<sup>2</sup> non-woven polyester felt support.

**VINITEX FB** is a fully bonded system design for roofing applications. It is resistant to ultraviolet rays, to dust, to mold, to puncturing, to weathering and to roots growth.

VINITEX PVC membranes are naturally fire resistant, they self-extinguish and resist the spread of flame.

## FIELD OF APPLICATION

Designed for single-ply application on horizontal surfaces, **VINITEX FB** can be fully adhered on insulation panels, concrete ceilings or existing waterproofing covering for the following general applications:

- General Roofing
- Green Roofs
- Planter Boxes
- Plaza Decks
- Balconies
- Cavity Walls

## APPLICATION METHOD

**VINITEX FB** is glued to horizontal surfaces using **VINITEX FA** adhesive. The overlaps are heat welded using a leister automatic welder or a hot air gun.

## INSTALLATION PROCEDURE

### SUBSTRATE

- No work should be started until all surfaces are smooth, dry, and free of ice, snow or any other substance that may prevent the membrane from adhering properly
- Substrate must have a minimum 1% gradient to ensure that water drains to drainage outlets
- Concrete substrate must be fully cured before application of the membrane
- Concrete substrate must have a Concrete Surface Profile (CSP) between 2 and 4 as per International Concrete Repair Institute
- Adhesion test is recommended prior to installation of membrane
- Commencement of installation shall be taken as acceptance of the substrate by the Applicator
- The use of **VINITEX FA** is required before the installation of **VINITEX FB** membrane. The adhesive can be spread and levelled using a brush, squeegee or another similar tool.

### INSTALLATION

- Unroll membrane sheets onto the roof surface primed with **VINITEX FA**
- Ensure specified side-laps and end-laps are maintained. End-laps should be staggered 1m apart or lay a transverse sheet or strip (minimum width 20 cm) across the bottom of two or more perfectly aligned and parallel sheets to provide a connection to the subsequent set.
- Upstands are waterproofed with **VINITEX PR** membrane
- Laying of **VINITEX PR** strips to be positioned at the head of the rolls of **VINITEX FB** membrane; the strips should be welded in order to join the heads of the rolls of **VINITEX FB**
- All penetrations and upturn details should be waterproof as per SOPREMA Installation Guides and detail drawings

Compliance with AS 4654.1

Service life in excess of 35 years

Cold applied, flameless solution

Self-extinguish

Dust &amp; Mold resistant

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## PACKAGING

SPECIFICATIONS	VINITEX FB
Thickness	1.5 mm
Roll dimensions	15 m x 2.10 m
Roll weight	66 kg
Rolls per pallet	16

## PROPERTIES

PROPERTIES	STANDARDS	VINITEX FB
		1.5 mm
Tensile strength (N/5cm)	EN 12311-2	≥ 710
Elongation to break (%)	EN 12311-2	≥ 82
Tear resistance (N)	EN 12310-2	≥ 175
Resistance to impact (mm)	EN 12691	≥ 807
Cold bending (°C)	EN 495-5	≤ - 30
Hydrostatic pressure resistance (6 hours at 0,5 Mpa)	EN 1928 met. B	waterproof
Dimensional stability after 6 hours at 80°C (%)	EN 1107-2	≤ 0.1
Resistance to artificial weathering (UV)	EN 1297	no surface cracking
Resistance to roots penetration	EN 13948	no penetration
Resistance to static punching (kg)	EN 12730	≥ 20
Fire resistance	EN ISO 11925-1 / EN 13501-1	E

## STORAGE AND HANDLING

VINITEX PVC membranes are delivered on site in rolls, on flat, ventilated pallets. They should be stored in a dry place or, if this is not possible, they should be protected against dampness, sun, rain and snow using waterproof sheets. Shelf life of VINITEX FB is 60 months, when properly stored.

## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative and/or the contractor are responsible for checking the suitability of products for their intended use.

## Vinitex PVC Waterproofing Membrane Soprema Australia Pty Ltd

Chemwatch: 5430-48  
Version No: 2.1.1.1  
Safety Data Sheet according to WHS and ADG requirements

Chemwatch Hazard Alert Code: 0

Issue Date: 27/10/2020  
Print Date: 30/10/2020  
L.GHS.AUS.EN

### SECTION 1 Identification of the substance / mixture and of the company / undertaking

#### Product Identifier

<b>Product name</b>	Vinitex PVC Waterproofing Membrane
<b>Synonyms</b>	Not Available
<b>Other means of identification</b>	Not Available

#### Relevant identified uses of the substance or mixture and uses advised against

<b>Relevant identified uses</b>	Waterproofing. Use according to manufacturer's directions.
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#### Details of the supplier of the safety data sheet

<b>Registered company name</b>	Soprema Australia Pty Ltd
<b>Address</b>	100 Barangaroo Avenue Sydney NSW 2000 Australia
<b>Telephone</b>	+61 3 9221 6230
<b>Fax</b>	Not Available
<b>Website</b>	<a href="http://soprema.com.au">soprema.com.au</a>
<b>Email</b>	info@soprema.com.au

#### Emergency telephone number

<b>Association / Organisation</b>	Soprema Australia Pty Ltd
<b>Emergency telephone numbers</b>	+61 3 9221 6230 (Mon-Fri 8am to 5pm)
<b>Other emergency telephone numbers</b>	Not Available

### SECTION 2 Hazards identification

#### Classification of the substance or mixture

<b>Poisons Schedule</b>	Not Applicable
<b>Classification [1]</b>	Not Applicable

#### Label elements

<b>Hazard pictogram(s)</b>	Not Applicable
<b>Signal word</b>	<b>Not Applicable</b>

#### Hazard statement(s)

Not Applicable

#### Precautionary statement(s) Prevention

Not Applicable

#### Precautionary statement(s) Response

Not Applicable

#### Precautionary statement(s) Storage

Not Applicable

#### Precautionary statement(s) Disposal

Not Applicable

### SECTION 3 Composition / information on ingredients

#### Substances

See section below for composition of Mixtures

#### Mixtures

CAS No	%[weight]	Name
Not Available		solid shape article contains

CAS No	%[weight]	Name
Not Available	100	ingredients

## SECTION 4 First aid measures

### Description of first aid measures

Eye Contact	<ul style="list-style-type: none"> <li>Generally not applicable.</li> </ul>
Skin Contact	<ul style="list-style-type: none"> <li>Generally not applicable.</li> </ul>
Inhalation	<ul style="list-style-type: none"> <li>Generally not applicable.</li> </ul>
Ingestion	<ul style="list-style-type: none"> <li>Not considered a normal route of entry.</li> <li>Immediately give a glass of water.</li> <li>First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</li> </ul>

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

Treat symptomatically.

## SECTION 5 Firefighting measures

### Extinguishing media

- There is no restriction on the type of extinguisher which may be used.

### Special hazards arising from the substrate or mixture

Fire Incompatibility	None known.
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### Advice for firefighters

Fire Fighting	<ul style="list-style-type: none"> <li>Use water delivered as a fine spray to control fire and cool adjacent area.</li> <li><b>Do not</b> approach containers suspected to be hot.</li> <li>Cool fire exposed containers with water spray from a protected location.</li> <li>If safe to do so, remove containers from path of fire.</li> <li>Equipment should be thoroughly decontaminated after use.</li> </ul>
Fire/Explosion Hazard	<ul style="list-style-type: none"> <li>Non combustible.</li> <li>Not considered a significant fire risk, however containers may burn.</li> </ul>
HAZCHEM	Not Applicable

## SECTION 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

See section 8

### Environmental precautions

See section 12

### Methods and material for containment and cleaning up

Minor Spills	<ul style="list-style-type: none"> <li>Clean up all spills immediately.</li> <li>Secure load if safe to do so.</li> <li>Bundle/collect recoverable product.</li> <li>Collect remaining material in containers with covers for disposal.</li> </ul>
Major Spills	<ul style="list-style-type: none"> <li>Minor hazard.</li> <li>Clear area of personnel.</li> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Wear physical protective gloves e.g. Leather.</li> <li>Contain spill/secure load if safe to do so.</li> <li>Bundle/collect recoverable product and label for recycling.</li> <li>Collect remaining product and place in appropriate containers for disposal.</li> <li>Clean up/sweep up area.</li> <li>Water may be required.</li> </ul>

Personal Protective Equipment advice is contained in Section 8 of the SDS.

## SECTION 7 Handling and storage

### Precautions for safe handling

Safe handling	Keep away from food, drink and animal feed. No special handling procedures required.
Other information	<ul style="list-style-type: none"> <li>Keep dry</li> </ul>

### Conditions for safe storage, including any incompatibilities

Suitable container	<ul style="list-style-type: none"> <li>Check that containers are clearly labelled</li> </ul>
Storage incompatibility	None known

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**SECTION 8 Exposure controls / personal protection**

**Control parameters**

Occupational Exposure Limits (OEL)

**INGREDIENT DATA**

Not Available


**Emergency Limits**

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
Vinitex PVC Waterproofing Membrane	Not Available	Not Available	Not Available	Not Available

Ingredient	Original IDLH	Revised IDLH
Vinitex PVC Waterproofing Membrane	Not Available	Not Available

**MATERIAL DATA**

**Exposure controls**

<b>Appropriate engineering controls</b>	None under normal operating conditions.
<b>Personal protection</b>	
<b>Eye and face protection</b>	Eye protection designed to protect against exposure to dusts should be worn when there is a likelihood of exposure. None under normal operating conditions.
<b>Skin protection</b>	See Hand protection below
<b>Hands/feet protection</b>	During application of blowtorch: heat insulating gloves. Long sleeve protective clothing. Wear general protective gloves, eg. light weight rubber gloves. No special equipment required due to the physical form of the product.
<b>Body protection</b>	See Other protection below
<b>Other protection</b>	No special equipment required due to the physical form of the product.

**SECTION 9 Physical and chemical properties**

**Information on basic physical and chemical properties**

<b>Appearance</b>	Solid shape article.		
<b>Physical state</b>	Manufactured	<b>Relative density (Water = 1)</b>	1.2
<b>Odour</b>	Not Available	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Odour threshold</b>	Not Available	<b>Auto-ignition temperature (°C)</b>	Not Applicable
<b>pH (as supplied)</b>	Not Applicable	<b>Decomposition temperature</b>	Not Applicable
<b>Melting point / freezing point (°C)</b>	Not Available	<b>Viscosity (cSt)</b>	Not Applicable
<b>Initial boiling point and boiling range (°C)</b>	Not Applicable	<b>Molecular weight (g/mol)</b>	Not Applicable
<b>Flash point (°C)</b>	Not Applicable	<b>Taste</b>	Not Available
<b>Evaporation rate</b>	Not Applicable	<b>Explosive properties</b>	Not Available
<b>Flammability</b>	Not Applicable	<b>Oxidising properties</b>	Not Available
<b>Upper Explosive Limit (%)</b>	Not Applicable	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Applicable
<b>Lower Explosive Limit (%)</b>	Not Applicable	<b>Volatile Component (%vol)</b>	Not Applicable
<b>Vapour pressure (kPa)</b>	Not Applicable	<b>Gas group</b>	Not Available
<b>Solubility in water</b>	Not Applicable	<b>pH as a solution (1%)</b>	Not Available
<b>Vapour density (Air = 1)</b>	Not Applicable	<b>VOC g/L</b>	Not Applicable

**SECTION 10 Stability and reactivity**

<b>Reactivity</b>	See section 7
<b>Chemical stability</b>	Product is considered stable and hazardous polymerisation will not occur.
<b>Possibility of hazardous reactions</b>	See section 7
<b>Conditions to avoid</b>	See section 7
<b>Incompatible materials</b>	See section 7

Vinitex PVC Waterproofing Membrane

<b>Hazardous decomposition products</b>	See section 5
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**SECTION 11 Toxicological information**

**Information on toxicological effects**

<b>Inhaled</b>	Not normally a hazard due to physical form of product.
<b>Ingestion</b>	Not normally a hazard due to the physical form of product. The material is a physical irritant to the gastro-intestinal tract
<b>Skin Contact</b>	Not normally a hazard due to physical form of product.
<b>Eye</b>	Not normally a hazard due to physical form of product.
<b>Chronic</b>	▶ Generally not applicable.

<b>Vinitex PVC Waterproofing Membrane</b>	<b>TOXICITY</b>	<b>IRRITATION</b>
	Not Available	Not Available

**Legend:** 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.\* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

<b>Acute Toxicity</b>	✗	<b>Carcinogenicity</b>	✗
<b>Skin Irritation/Corrosion</b>	✗	<b>Reproductivity</b>	✗
<b>Serious Eye Damage/Irritation</b>	✗	<b>STOT - Single Exposure</b>	✗
<b>Respiratory or Skin sensitisation</b>	✗	<b>STOT - Repeated Exposure</b>	✗
<b>Mutagenicity</b>	✗	<b>Aspiration Hazard</b>	✗

**Legend:** ✗ – Data either not available or does not fill the criteria for classification  
✔ – Data available to make classification

**SECTION 12 Ecological information**

**Toxicity**

<b>Vinitex PVC Waterproofing Membrane</b>	<b>Endpoint</b>	<b>Test Duration (hr)</b>	<b>Species</b>	<b>Value</b>	<b>Source</b>
	Not Available	Not Available	Not Available	Not Available	Not Available

**Legend:** Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

**DO NOT** discharge into sewer or waterways.

**Persistence and degradability**

<b>Ingredient</b>	<b>Persistence: Water/Soil</b>	<b>Persistence: Air</b>
	No Data available for all ingredients	No Data available for all ingredients

**Bioaccumulative potential**

<b>Ingredient</b>	<b>Bioaccumulation</b>
	No Data available for all ingredients

**Mobility in soil**

<b>Ingredient</b>	<b>Mobility</b>
	No Data available for all ingredients

**SECTION 13 Disposal considerations**

**Waste treatment methods**

<b>Product / Packaging disposal</b>	<ul style="list-style-type: none"> <li>▶ Recycle wherever possible or consult manufacturer for recycling options.</li> <li>▶ Consult State Land Waste Management Authority for disposal.</li> <li>▶ Bury residue in an authorised landfill.</li> <li>▶ Recycle containers if possible, or dispose of in an authorised landfill.</li> </ul>
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**SECTION 14 Transport information**

**Labels Required**

<b>Marine Pollutant</b>	NO
<b>HAZCHEM</b>	Not Applicable

## Vinitex PVC Waterproofing Membrane

**Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Transport in bulk according to Annex II of MARPOL and the IBC code**

Not Applicable

### SECTION 15 Regulatory information

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

#### National Inventory Status

National Inventory	Status
Australia - AIC	Yes
Australia - Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	Yes
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Japan - ENCS	Yes
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	Yes
Vietnam - NCI	Yes
Russia - ARIPS	Yes
<b>Legend:</b>	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

### SECTION 16 Other information

Revision Date	03/04/2025
Initial Date	27/10/2020

#### SDS Version Summary

Version	Issue Date	Sections Updated
2.1.1.1	27/10/2020	Handling Procedure, Personal Protection (eye), Personal Protection (hands/feet)

#### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

#### Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average  
PC—STEL: Permissible Concentration-Short Term Exposure Limit  
IARC: International Agency for Research on Cancer  
ACGIH: American Conference of Governmental Industrial Hygienists  
STEL: Short Term Exposure Limit  
TEEL: Temporary Emergency Exposure Limit.  
IDLH: Immediately Dangerous to Life or Health Concentrations  
OSF: Odour Safety Factor  
NOAEL :No Observed Adverse Effect Level  
LOAEL: Lowest Observed Adverse Effect Level  
TLV: Threshold Limit Value  
LOD: Limit Of Detection  
OTV: Odour Threshold Value  
BCF: BioConcentration Factors  
BEI: Biological Exposure Index

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