



# Material Safety Datasheet

## Product Names

Autex GreenStuf® 100% polyester fibre thermal and acoustic insulation.

## Trade Names

GreenStuf® Wall & Ceiling Batts  
GreenStuf® Thermal Blanket/Roll  
GreenStuf® Building Insulation Blanket (BIB)  
GreenStuf® Masonry Construction Blankets  
GreenStuf® Blanket Underfloor  
GreenStuf® Sound Solution®  
GreenStuf® Partition Blankets (ASB)(CPB)(HPI)  
GreenStuf® BaffleBlock®  
GreenStuf® Ceiling Overlay (ACO)  
GreenStuf® Autex Acoustic Blanket (AAB)  
GreenStuf® RT Blanket  
GreenStuf® Flexible Ducting  
GreenStuf® Filter Media  
GreenStuf® Rigid Duct Liner

## Intended Product Uses

Thermal and acoustic insulation of buildings and original equipment.

## Manufacturer

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## Hazards Identification

Autex GreenStuf® products are non-hazardous and non-dangerous goods.

## Indoor Environment Quality (IEQ)/VOC Emissions

Autex polyester well exceeds the current leading world standards established by 'Good Environmental Choice Australia' (GECA) and The GreenGuard Environmental Institute.

GreenGuard VOC standards are the recommended maximum exposure for airborne volatile organic chemical levels established by the US National Toxicology Program (NTP), the International Association for Research on Cancer (IARC) and the World Health Organisation (WHO).

Autex GreenStuf® polyester has been tested by Cetec Pty Ltd (Report: RCV080408) for chemical emission as follows;

VOC concentration: 0.01 mg/m<sup>3</sup> (7 days)  
GECA/ GreenGuard Limit: 0.25 mg/m<sup>3</sup> (7 days)

## Extinguishing Media

Water spray of fog, foam, dry chemical, and carbon dioxide.  
Material will shrink from flame and may drip.

## Information On Ingredients

GreenStuf® products are manufactured using only 100% polyester fibres. Fibres are bonded using heat (thermal bonding) to form the structural integrity of the finished material without the need for chemical binders.

### Chemical Entity: Polyester Fibre from PET (Polyethylene Terephthalate)

Odour:	No Odour
pH:	7.8 (pH 7 being neutral)
Boiling Point:	N/A
Melting Point:	250°C
Max. Recommended Service Temp:	160°C
Vapour Pressure:	N/A
Specific Gravity:	Polyester 1.38
Flash point:	N/A
Explosive limits:	N/A
Solubility in water:	Not soluble
Moisture Absorption:	less than 0.03% by weight
Relative Vapour Density:	N/A
Per Cent Volatiles:	Nil
Corrosiveness:	Non-corrosive

## Health Effects/Personal Protection

There are no known hazards relating to the use or handling of GreenStuf® or other forms of thermally bonded 100% polyester insulation produced by Autex. No protective clothing or gloves are required when handling or installing Autex insulation. There is no dust content in the products and any free fibres which may be present are not of respirable size.

## Fire Ratings

GreenStuf® is self-extinguishing. All Autex Insulation products conform to the requirements of the Building Code of Australia (NCC) requirements as tested under AS1530.3 and ISO 9705

### AS ISO 9705:2003

Australian Group Number: Group 1  
SMOGRARC: less than 100m<sup>2</sup>/s<sup>2</sup>

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(FI 5550 for e-foil ARD)*

### AS1530.3

Ignitability Index (0-20) 0  
Heat Evolved Index (0-10) 0  
Spread of Flame Index (0-10) 0  
Smoke Developed Index (0-10) 3  
*APL Report 98055*

### IEC 60695-11-5 (Downlight Fire Test Standard)

GreenStuf® has been tested and certified non-flammable and complies with the fire requirements of IEC 60695-11-5.

## Zero ODP

Autex Insulation products manufactured from 100% polyester have an Ozone Depleting Potential of Zero, meaning no ODS are present in the final product or used in the direct manufacture of the product. For a full list of International Ozone Depleting Substances (ODP), please refer to the declaration on our website [www.autex.com.au](http://www.autex.com.au).

## Storage And Transport

Packaging as recommended by the manufacturer. Keep dry and clean. GreenStuf® is not classified as dangerous goods. No special transport or storage requirements are necessary.

UN Number: N/A  
Class: N/A  
Hazchem Code: N/A

*This MSDS was correct at the time it was prepared (see below for the date). Autex Pty Ltd, as part of its ISO 9001 Quality Systems, updates MSDS's when its ongoing review process indicates a need for a change to be made. You should make sure that the MSDS you are reading and relying on is current. You can do this by contacting Autex Customer Services on, Autex on freephone 1800 678 160.or by visiting our website [www.autex.com.au](http://www.autex.com.au)*

GreenStuf® is manufactured in Australia by Autex Pty Ltd. Autex retains the right to change products and specifications without prior notice. If a specification is critical to end use situation please discuss your requirements with your Autex Representative.

GreenStuf® is a registered trademark of Autex Industries.

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