



Material Safety Data Sheet

Product Names

Autex GreenStuf® 100% polyester fibre thermal and acoustic insulation

Trade Names

GreenStuf® Wall & Ceiling Pads
GreenStuf® Roll Form
GreenStuf® Building Insulation Blanket (BIB)
GreenStuf® Masonry Wall Blanket
GreenStuf® Blanket Underfloor
GreenStuf® Sound Solution®
GreenStuf® Autex Sound Blanket (ASB)
GreenStuf® BaffleBlock®
GreenStuf® Autex Acoustic Blanket (AAB)

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/m³ (7days)
GECA/ GreenGuard Limit: 0.25 mg/m³ (7days)

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

Ecological Information

Autex GreenStuf® products are made from 100% polyester fibres (from PET plastic). GreenStuf® products contain a minimum of 45%, and up to 85% recycled polyester fibre (from already recycled PET bottle flake).

All Autex Insulation products are manufactured under Autex's Environmental Management System (EMS) which incorporates Waste Reduction, Energy Efficiency, Environmental Purchasing, and a Zero Waste Policy where all insulation manufacturing off-cuts and waste is recycled back into the production process. More information regarding Autex's EMS is available on the Autex website (www.autex.co.nz)

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 Hazard

GreenStuf® is self-extinguishing. All Autex Insulation products conform to all NZ Building Code (NZBC) requirements as tested under AS1530.3. Typical results for GreenStuf® products are as follows;

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

(Refer to individual Product Data Sheets for specific product information)

ISO 9705: 1993

Classification: Group 1-S

Smoke Production Rate: <5.0m²/s

As required by NZBC C/VM2

Tested 20 Aug 2012, BRANZ (FI 4973)

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.

Extinguishing Media

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

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 Industries, 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 free phone 0800 428 839, or by visiting our website www.autex.co.nz

GreenStuf® is manufactured in New Zealand by Autex Insulation, a division of Autex Industries Limited. 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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ISO 9001 AND ISO 14001 CERTIFIED