



Product Names:

Autex GreenStuf® and QuietStuf® 100% polyester fibre insulation

Trade Names:

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

Intended Product Uses:

Thermal and acoustic insulation of buildings, and original equipment.

Manufacturer:

Autex Industries Ltd, 702-718 Rosebank Road, Avondale, Auckland
Ph (09) 828 9179, Fax (09) 828 4049, www.autex.co.nz

Hazards Identification:

Autex GreenStuf® and QuietStuf® products are non-hazardous and non-dangerous goods. There are no known hazards relating to the handling or use of polyester fibres or Autex polyester insulation materials. No protective clothing is required to handle or install the products. GreenStuf® and QuietStuf® products are non-irritant, non-toxic, non-allergenic and completely safe and user-friendly.

Information on Ingredients:

GreenStuf® and QuietStuf® 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

**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® and QuietStuf® 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)

Ecological Information:

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

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)

Fire Hazard:

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

Extinguishing Media:

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

Health Effects/ Personal Protection

There are no known hazards relating to the use or handling of Greenstuf® or QuietStuf® 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.

Storage and Transport:

Packaging as recommended by the manufacturer. Keep dry and clean. GreenStuf® and QuietStuf® are 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

AUTEX



Insulation

Autex Industries Ltd
 702 - 718 Rosebank Rd
 Private Bag 19988,
 Avondale 1746, Auckland
 New Zealand
 Phone +64 9 828 9179
 Fax +64 9 828 5810
 Freephone 0800 428 839
www.autex.co.nz