



Material Safety Data Sheet

Bonded Polyester



Identification of Material and Supplier

Product Names

Generic Product Name:	Bonded Polyester Fibre.
Other Product Names:	Tontine Thermal and Sound Batts, Acoustisorb, TSB, Nova, Ceiling Baffle, Tontine Thermal Building Blanket, Tontine Thermal Batts/Rolls, Fibreblok, Tontine Wall Blanket, Tontine Media Filter.

Recommended Uses

Thermal and Acoustic Insulation, Filter Media and Wadding. Applications include walls, floors ceilings and mechanical services in residential housing, commercial buildings and warehouses. Also used in white goods, furniture, bedding and other soft furnishings.

Supplier Details and Contact Information

Supplier:	UNITED BONDED FABRICS PTY LTD, Trading as TONTINE INSULATION.
Address:	50 Bakers Road, Coburg North, VIC 3058.
Telephone (in Aust):	1300 467 852
Facsimile:	1800 653 650
Email:	customer@tontineinsulation.com.au
Websites:	www.tontineinsulation.com.au

Health Hazard Information

Health Effects:	No known physical or health hazards associated with these products.
Swallowed/Eye/Skin/Inhaled:	The products have been tested for toxicity by skin tests on humans and by laboratory feed tests. No toxic reactions have been observed. No health effects have been reported which can be attributed to these products over many years of experience in our plants and customer operations.

First Aid

Swallowed/Eye/Skin/Inhaled:	Not Applicable.
Advice to Doctors:	Not Applicable.

Precautions for Use

Exposure Limits:	None Specified.
Ventilation:	No special requirements.
Personal Protection:	No special requirements.
Flammability:	Do not expose to direct flame, welding, grinding or other incendiary sparks or heated surfaces as product will melt and is ultimately combustible. Care must be taken to avoid such exposure.

Safe Handling Information

Storage and Transport:	Requirements as noted above.
Disposal:	Product is recyclable. If necessary product can be disposed of in an approved landfill.
Fire/Explosion Hazard:	Relatively low flame response. Will not explode. Use any fire fighting extinguishant. Like most organic materials gives off CO, CO ₂ , and H ₂ O during combustion.



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Fire Fighting Measures

This material has limited flammability properties when tested to AS1530.3 (see below). However the fibres will melt if exposed to temperatures above 250°C. Plastic packaging and facings used may decompose or burn at or below this temperature. If subject to fire evacuate area and contact emergency services. Use water fog to cool affected product and packs.

Fire Resistance

When tested in accordance with AS1530.3 (1999), "Early Fire Hazard Properties of Materials", the product exhibits the following characteristics:

Ignitability Index	0
Spread of Flame Index	0
Heat Evolved	0
Smoke Developed Index	0 - 3

Transportation Information

Manufacturer's Code:	Internal Codes are not used externally.
Un Number:	None Allocated.
Dangerous Goods Class:	None Allocated.
Hazchem Code:	None Allocated.
Subsidiary Risk:	None Allocated.

Regulatory Information

Classified as NON-HAZARDOUS according to ASCC/NOHSC criteria.

Poisons Schedule:	None Allocated.
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Physical Description and Properties

Appearance:	Green, Black, Brown, Grey or White thermally bonded polyester wadding.
Melting Point:	250°C
Vapour Pressure:	Not applicable.
Per Cent Volatiles:	Nil.
Specific Gravity:	1.38
Flash Point:	Not applicable.
Other Properties:	Non - allergenic, low irritant, resilient.
Ingredients:	Organic, long chain synthetic polymer.
Chemical Entity:	Composed of Carbon-Hydrogen-Oxygen.
Max. Service Temperature:	150°C
Alkalinity:	pH 7.8 (pH 7 is neutral).
Moisture Absorption:	Exposure to an atmosphere of 50°C and 95% RH for four days gives a moisture absorption of less than 0.2% by volume.

FOR FURTHER INFORMATION CALL 1300 467 852 OR E-MAIL customercare@tontineinsulation.com.au

In most cases product testing has been conducted in laboratory situation under controlled conditions. Site-measured performance may vary due to installation quality and site conditions. Thermal testing has been carried out in accordance with AS/NZS 4859.1, and acoustic testing in accordance with AS1045 or AS1191 in certified reverberation rooms. As these products are subject to constant research and development, we reserve the right to update the contents without notice. Recommendations regarding the use of products are to be taken as a guide only, and the purchaser should independently determine the suitability of a product for the intended application.

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