



POLYMAX INSULATION

Other Names: **Prime, Easy Baffle, Absorb, Thermal Batts, Acoustic/Thermal Batts, Building Blanket, MSB, HVAC, Thermaflex**

Uses

Acoustic and Thermal Insulation used in buildings, Industrial applications, HVAC systems, OEM and Automotive.

Manufacturer

Martini Industries Pty Ltd
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Australia

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Hazards

Classified as Non-Hazardous according to the criteria of the Australian Safety and Compensation Council ASCC. Approved criteria for classifying Hazardous substances. [NOHSC: 1008] 3rd edition

Composition

Organic Long Chain Synthetic Polymer

First Aid

Swallowed / Eye / Skin / Inhaled: No special precautions

Fire Fighting Measures

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.

Storage and Transport

No Special Requirements

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 appliance. Like most organic materials gives off CO, CO₂, and H₂O during combustion.

Personal Protection

No Precautions necessary

Ecological Information

Product does not contain any ozone-depleting chemicals
100% Recyclable

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Physical Properties and Description

Appearance:	White, Black or Grey polyester waddings, may include laminated facing materials such as foils or fabrics									
Odour:	None									
Alkalinity:	pH: 7.8 (pH 7 is neutral)									
Boiling Point:	N/A									
Melting Point:	250°C									
Vapour Pressure:	N/A									
Specific Gravity:	1.38									
Solubility:	N/A									
Percentage Volatiles:	None									
Flash Point:	N/A									
Decomposition Temp:	> 250°C									
Lower/Upper Exposure Limits:	N/A									
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.									
Fire Resistance	When tested in accordance with AS1530.3 (1999), "Early Fire Hazard Properties of Materials", exhibits the following characteristics:	<table border="1"> <tr> <td>Ignitability Index</td> <td>0</td> </tr> <tr> <td>Spread of Flame Index</td> <td>0</td> </tr> <tr> <td>Heat Evolved</td> <td>0</td> </tr> <tr> <td>Smoke Developed Index</td> <td>0-3</td> </tr> </table>	Ignitability Index	0	Spread of Flame Index	0	Heat Evolved	0	Smoke Developed Index	0-3
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green building council australia
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