

SAFETY DATA SHEET

JEANIUS™ DENIM INSULATION

Prepared in accordance with GHS of Classification and Labelling of Chemicals
(Safe Work Australia) and WHS Regulations

SECTION 1: IDENTIFICATION

Product Name	Denim Insulation Panels / Rolls
Other Names	Recycled Denim Thermal & Acoustic Insulation
Recommended Use	Thermal and acoustic insulation for interior walls, ceilings, partitions, floors, HVAC linings, and soundproofing applications in residential, commercial, and industrial construction. Applicable for both new build and retrofit use where enhanced energy efficiency or sound attenuation is required.
Manufacturer	Woolpack Australia Pty Ltd ABN: 69 607 141 677
Address	W-5, 30 Taras Avenue, Altona North, VIC 3025, Australia
Emergency Contact	Planet Protector – +61 (0) 498 531 554
Date of SDS Issue	14/07/2025

SECTION 2: HAZARD IDENTIFICATION

Classification (GHS)	Not Classified as Hazardous According to GHS Criteria.
Signal Word	Not applicable
Hazard Statement(s)	This product does not meet the criteria for classification as hazardous under Schedule 11 of the WHS Regulations.
Precautionary Statements	Use in well-ventilated areas. Wear gloves and a P2/N95 dust mask during installation to reduce exposure to airborne fibres.
Pictograms	None required

Note: While considered a non-irritant, material handling may cause temporary mechanical irritation (itching) for sensitive individuals to skin, eyes, or respiratory tract.

DISCLAIMER: This SDS is based on information available at the time of preparation. It is the user's responsibility to ensure the product is suitable for their intended purpose and used in accordance with applicable laws and practices.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Proportion (%)
Ingredients determined to be Non-Hazardous	Not assigned (natural fibre)	100%
Additives / Treatments	No chemical additives or surface treatments are applied during PPG's proprietary manufacturing process	NA

Note: For detailed performance or material specifications beyond the scope of this SDS, please refer to the corresponding Technical Data Sheet (TDS).

SECTION 4: FIRST AID MEASURES

General Advice	No acute hazards expected under normal use. In case of mechanical irritation:
Eye Contact	Flush with water. Seek medical attention if irritation persists.
Skin Contact	Wash exposed area with soap and water. Mechanical itching may occur.
Inhalation	Remove from dusty area to fresh air. Seek medical attention if symptoms persist.
Ingestion	Not expected to occur. Rinse mouth thoroughly. Seek medical attention if symptoms develop.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water Spray, Foam, CO ₂ or Dry Chemical
Hazards from Combustion	Decomposition may produce CO, CO ₂ and organic vapours.
Protective Equipment	Firefighters should wear SCBA and protective gear. Water spray, foam, CO ₂ , or dry chemical.
Flammability Rating	Low- tested to AS/NZS 1530.3, BS 5803-4, and SANS 10177

Product exhibits low flammability and does not self-ignite under normal conditions. Performance validated to AS/NZS 1530.3, BS 5803-4, and SANS 10177 by third-party laboratory. Detailed test reports available upon request for regulatory bodies only.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection	Use gloves and a P2/N95 Dust Mask when Handling Bulk Fibre.
Clean-Up Procedure	Vacuum or sweep to avoid airborne fibres. Avoid dry brushing. Dispose of waste per local regulations. Prevent fibre dispersion to drains or open air.
Environmental Impact	Not considered hazardous to soil or water. Does not bioaccumulate.

SECTION 7: HANDLING AND STORAGE

Handling Precautions	Avoid generating airborne dust. Use PPE when installing
Environmental Impact	Store in dry, covered space. Do not stack under heavy loads to avoid product deformation. Protect from direct moisture or UV exposure. Recommended stacking as per product datasheet.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	No Safe Work Australia exposure limit is defined for denim insulation. However, control measures for non-hazardous particulate matter (<10 mg/m³ total dust) are recommended as best practice.
Engineering Controls Personal Protective Equipment (PPE)	Use mechanical ventilation or extractors in enclosed environments.
Personal Protective Equipment (PPE)	Wear gloves, long-sleeved clothing, and a P2/N95 dust mask. Safety glasses are recommended in enclosed or dusty environments.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue Panels or Rolls
Odour	Neutral or slight textile odour
pH	Not applicable
Boiling/Melting Point	Not applicable
Solubility in Water	Insoluble
(VOCs):	Volatile Organic Compounds (VOCs): None detected. Product is classified as inert with no known off-gassing under normal conditions.

(Typical values only – consult specification sheet)

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable Under Normal Conditions
Conditions to Avoid Hazardous Decomposition	Do not expose product to open flame or prolonged radiant heat sources.
Hazardous Decomposition	CO, CO ₂ , and hydrocarbons at elevated temperatures

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity	Not Classified
Skin Contact	May cause temporary mechanical irritation
Eye Contact	Mechanical irritation possible from dust
Inhalation	Excessive dust may cause respiratory irritation
Ingestion	Not expected to be hazardous

SECTION 12: ECOLOGICAL INFORMATION

Environmental Impact	Product is Considered Inert and Non-toxic to Environment
Persistence/Degradability	No information available
Mobility in Soil	No information available
Bio-accumulative Potential	No information available

Product does not leach harmful substances into water or soil under normal conditions.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations. Product can be landfilled. Where local capability exists, mechanical recycling is encouraged. Do not incinerate unless at an approved facility licensed for fibre-based waste.

SECTION 14: TRANSPORT INFORMATION

UN Number	Not Regulated
Proper Shipping Name	Not hazardous for transport
DG Class	None
Packing Group	Not applicable
Marine Pollutant	No

Meets ADG and GHS transport classification requirements.

SECTION 15: REGULATORY INFORMATION

- ◆ Not classified as hazardous according to WHS Regulations or GHS
- ◆ Not listed under Schedule 11 hazardous substances
- ◆ No Poisons Schedule listing
- ◆ This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code, Edition 7.7).

SECTION 16: REFERENCES

AS/NZS 1530.3 Fire Hazard Test, BS 5803-4: Flammability, SANS 8301, 10177-5, 10177-10, WHS Regulations 2011, GHS Revision 7 (Safe Work Australia)

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