

Section 1: Chemical and Company Identification

Product Name: Fibreglass Mesh (Adhesive & Non-Adhesive):

- J500 Fibreglass Joint Tape Blue 50m
- J504 Fibreglass Mesh Red Adhesive 200mm
- J506 Fibreglass Mesh Blue 50m
- J507 Fibreglass Mesh White 50m
- J509 Fibreglass Mesh White 100m

Intended Use: Reinforcing walls, floors, joints and seams for plastering and other applications internally or externally.

Importer Information:

Marach Pty Ltd trading as Choice Building Products
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Section 2: Hazard Identification

Signs and symptoms of short-term (acute) exposure:

Primary Route: Primary route of hazard would be through inhalation entry.

Inhalation: Harmful if inhaled. Causes throat irritation.

Skin Contact: Mechanical irritation. Typically, skin irritation experienced on contact.

Eye Contact: Mechanical irritation.

Ingestion: Harmful if swallowed.

Effects of long-term (chronic) exposure: None currently known.

Section 3: Composition

Chemical Composition / Hazardous Ingredients

Ingredients	CAS No.	%Weight	OSHA PEL	ACGIH TLV
Fiberglass	65997-17-3	60-70	15/5 (R)	10MG/M
Vinyl – acrylic copolymer	Not available (n/av)	30-40	n/av	n/av

Section 4: First Aid Measures

Inhalation: If irritation persists, seek medical attention.

Skin Contact: Rinse contact areas with room temperature to cool water, then wash gently with mild soap. If glass fiber becomes embedded, seek medical attention.

Eye Contact: Flush eyes with water for no less than 15 minutes – seek medical attention if irritation persists.

Ingestion: Seek medical attention immediately.

Section 5: Firefighting Measures

Fire hazards/conditions of flammability	Fiber Glass is non-combustible	Suitable extinguishing media	None
Flash point (Method)	Not applicable (n/ap)	Oxidizing properties	None
Lower flammable limit (%by volume)	n/ap	Sensitivity to static charge	None
Upper flammable limit (%by volume)	n/ap	Auto-Ignition Temperature	None
Explosion data	n/ap	Sensitivity to mechanical	None
Special fire-fighting procedures/equipment & hazardous combustion products	Thermal decomposition of coating material may produce an irritation mixture of smoke and flames. Firefighters should wear full protective equipment including National Occupational Health and Safety Commission (NOHSC) approved Self Contained Breathing Apparatus (SCBA).		

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Section 6: Accidental Release Measures

Personal precautions: Prevent the spread of fiberglass dust and avoid dust generating conditions. Those involved in cleanup of particulate should use appropriate personal protection equipment. If sweeping is necessary, use a dust depressant.

Environmental precautions: Dispose in accordance with government regulations. Keep debris minimal by locating waste disposal equipment near work area. In most cases woven fiberglass scrap can be disposed of in a sanitary landfill in accordance with federal and local regulations.

Spill response / Cleanup: Use vacuuming or wet sweeping methods instead of dry sweeping. Keep airborne dust concentrations below regulated levels.

Prohibited materials: No data.

Section 7: Handling and Storage

Including how the chemical may be safely used.

Safe handling procedures: Avoid operations creating dust.

Storage requirements: For optimum performance, store at 25oC or less and relative humidity less than 65%.

Incompatible materials: None known.

Special packaging materials: No data.

Section 8: Exposure Controls and Personal Protection

Ventilation & engineering controls: Mechanical or local exhaust to keep below the Threshold Limit Value (TLV).

Respiratory protection: Where dust levels exceed the TLV, use NOHSC approved respirator to protect against irritating dust that may be generated by cutting, grinding or sanding, and ventilation .

Protective gloves: Recommended.

Eye protection: Safety glasses.

Other protective equipment: Protective overalls should be worn to avoid skin irritation, and these should be washed regularly. Suitable gloves, tucked under overall cuffs, will prevent hand irritation. Goggles should be worn. Vacuum equipment may be used to remove fibers from clothes. Work clothing should be laundered separately from other clothing before reuse.

Permissible exposure levels: Western Australia's Occupational Safety and Health Regulation (5.19) adopt an exposure standard for continuous glass filament of 2 mg/m³ inhalable dust. TLV – SDSC (Standards Development Standing Committee) for fibrous glass dust, inhalable fraction. NOHSC recommends an exposure of 3.0 fibers/cc for fibers less than 3.5 microns in diameter and length greater than 10 microns.

Section 9: Physical and Chemical Properties

Physical form, color and odor: Woven fabric, coated blue, green or red, slight hydrocarbon odor.

Odor threshold: n/av

pH: Neutral

Boiling point: n/av

Melting/freezing point Softening Point: 30oC (adhesive)

Vapor pressure: n/av

Solubility in water: Insoluble

Coefficient of oil/ water distribution: None

Specific gravity or relative density (water = 1): Glass 2.0-2.15

Vapor density: n/av

Volatile organic compounds (VOC's): Not volatile

Evaporation rate: n/ap

Section 10: Stability and Reactivity

Stability and reactivity: Stable. Hazardous polymerization will not occur.

Conditions to avoid: None known.

Materials to avoid: None known.

Hazardous decomposition products: None known.

Section 11: Toxicological Information

Lethal dose (LD50): n/av

Lethal concentration (LC50): n/av

Routes of exposure: Inhalation, eye and skin contact.

Factors in fiber toxicity include: fiber dimensions and degree of exposure. Fiber dimensions are either non-respirable or respirable. Respirable fibers can penetrate to the 'deep' lung area. The narrow, bending passage of the human respiratory system does not permit the relatively larger, non-respirable fibers to enter the 'deep' lung area. Instead, they strike the surfaces of the upper respiratory tract, nose or pharynx and stop. They may then be filtered by nasal hairs or other natural mechanisms.

Toxicological data: n/av

Carcinogenicity: No adequate data to classify.

Teratogenicity, mutagenicity, other reproductive effects: No adequate data to classify.

Sensitization to material: No data.

Conditions aggravated by exposure: None known.

Synergistic materials: None known.

Section 12: Ecological Information

Important Environmental characteristics: Fiberglass is generally considered to be an inert solid waste, and no special precaution should be taken in case it is released or spilled.

Aquatic toxicity: No data.

Section 13: Disposal Considerations

Handling for disposal: Fiberglass is considered non-hazardous per EPA and Australia Work safe, RCRA, 40CFR, Part 261.1990.

Methods of disposal: Non hazardous.

Section 14: Transport Information

Transportation of Dangerous Good (TDG) information: Shipping description not regulated.

49 CFR information: Shipping description not regulated.

International Dangerous Good information: IMO not regulated. ICAO not regulated.

Other information: None.

Section 15: Regulatory Information

WorkSafe Australia & National Occupational Health & Safety Commission: This product has been classified in accordance with the hazard criteria of the Occupational Safety and Health Act 1984 (Division of the Department of Commerce Western Australia) and this MSDS contains all the information required by the NOHSC.

Contact: Choice Building Products +61 8 9452 2551 (Business Hours). For emergency information outside normal business hours, please ring Poisons Information Centre 13 11 26 - 24 hours Australia wide hotline.

Section 16: Any Other Relevant Information

The information provided in good faith is based on Choice Building Products knowledge at the time of publication. The product must not be used for any purposes other than those specified under Section 1. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information provided is a description of the safety requirements relating to the product and is not a guarantee of specific performance.