

Mateen Products - MATERIAL SAFETY DATA SHEET

Issue Date: July 2020 Ver003

Issued by: Pultron Composites Ltd

Section 1: INDENTIFICATION OF MATERIAL SUPPLIER

Product Name:	Mateenbar, Mateendowel and Mateenbolt	
Company Name:	Pultron Composites Ltd	
Address:	342 Lytton Road Gisborne, 4010 New Zealand	
Telephone Number:	+64 6 867 8582	
Email:	technical@pultron.com	mateen@mateenbar.com
Recommended Use:	Concrete Reinforcing, Ground Anchors and Bolts	

Section 2: HAZARD IDENTIFICATION

Hazardous Classification

Not classified as hazardous according to the criteria of the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Not classified as Dangerous Goods for Transport according to the criteria of the New Zealand Standard NZS5433: Transport of Dangerous Goods on Land.

Physical State:

- Solid

Emergency Overview:

- Non-hazardous material.
- Dust from grinding or cutting may be a nuisance factor.
- Glass fibre splinters from bare hand handling.

Potential Health Effects: Eyes Skin

- Dust may irritate eyes.
- Dust/ Fibres may cause skin irritation.

Inhalation

- Dust may irritate respiratory system.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mateenbar is a solid finished product, composed of a mixture of polymerised resins, fillers and fibreglass reinforcement lacquered using Acrylate polymer.

Ingredient Name:	CAS Number:	Percent by Weight:
Polymerised resin	None	15 – 30%
Fibreglass	65997-17-3	70 – 80%
Fillers	None	0 – 30%
Acrylate polymers	None	<1%

Section 4: FIRST AID MEASURES

Eye

If dust contact with the eye(s) occurs, wash with high amounts of water or eye wash. If symptoms persist, seek medical attention.

Skin

It is recommended that gloves be worn when handling Mateenbar. In that case of gloves not being worn - if splinters are received, thoroughly wash contaminated skin with plenty of soap and water. If irritation persists, seek medical advice.

Inhalation

Isolate dust source and move victim to fresh air. If symptoms develop or persist, seek medical attention.

First Aid Facilities

Eye wash and normal washroom facilities.

Section 5: FIRE FIGHTING MEASURES

Flammable Property: Not-flammable **Flash Point:** N/A

Extinguishing Media: Water, Foam, Type A, B and C

Hazards from Combustion

Under fire conditions this product may emit toxic and/or irritating fumes including acrid black smoke.

Unusual Fire and Explosion Hazards

Accumulation of fine dust may be explosive, do not expose to ignition source.

Fire Fighting Precautions

Fire Fighters should wear self-contained breathing apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

- Avoid inhalation of dust from cutting/grinding operation. If dust extraction bag is spilled, re-bag as soon as possible.
- Use personal protection equipment (PPE) as recommended in **Section 8**.
- No environmental precautions.

Section 7: HANDLING AND STORAGE

Handling

- Minimise dust generation and accumulation. Routine house-keeping should be maintained to ensure dust does not accumulate near ignition sources.
- When handling for transport or on the job site, it is recommended that protective gloves are worn.

Storage

- There are no risks to personal safety other than stacking and loading/unloading.
- It is recommended that product guidelines are followed for long term storage - protection from UV light exposure.
- Do not drop, indent or stack other items on top of bars.
- Keep bar clean and free from foundation/dirt contamination prior to positioning insitu for concrete.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards

No exposure standards have been established for this material by the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour.

Biological Limit Value

None

Engineering Controls

Use with ventilation to control airborne dust. Use with explosion-proof ventilation equipment if airborne dust levels are high.

Eye Protection

Recommend the use of safety glasses for cutting and grinding.

Skin Protection

It is recommended that protective gloves are worn when handling, and coveralls are worn when cutting.

Respiratory Protection

- In normal handling and storage conditions a respirator is not required.
- When cutting use fine particle respiratory protection, like a face mask or sealed dust protection filters, where dust extraction and treatment is not in place.
- The minimum type of breathing protection that should be used when cutting in uncontrolled conditions is a P2 efficiency half face respirator.
- The use of respiratory breathing equipment when dust is present, is for the prevention of diseases – silicosis. Dust particle from concrete and silica products should be treated appropriately.
- Engineering controls - local exhaust ventilation, water suppression (wet cutting) or using tools with dust collection attachments, would minimise the risk of exposure to generated dust.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid	Appearance Grey rod	Specific Gravity 1.8-2.1
Melting Point N/A	Boiling Point N/A	Solubility in Water Insoluble
pH Value N/A	Vapour Pressure N/A	Vapour Density N/A
Flammability N/A	Flash Point N/A	Auto-ignition Temperature N/A

Section 10: STABILITY AND REACTIVITY

Not Applicable

Section 11: TOXICOLOGICAL INFORMATION

Toxicology Information

None

Section 12: ECOLOGICAL INFORMATION

Eco-toxicity

None

Section 13: DISPOSAL CONSIDERATIONS

Disposal Considerations

Dispose of waste according to federal, environmental protection authority and state regulations.

Section 14: TRANSPORT INFORMATION

Transport Information

Not classified as Dangerous Goods for Transport according to the criteria of the New Zealand Standard NZS5433: Transport of Dangerous Goods on Land.

Section 15: REGULATORY INFORMATION

National and/or International Regulatory Information

Not classified as hazardous according to the criteria of the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Section 16: OTHER INFORMATION

Date of Last Revision: August 2020 – Dion Neems Quality Manager

Date of issue: October 2019 Version: 2.4

Reason or Issue: New Format / formulation edited. MSDS Superseded: All previous formats

NOTE: This MSDS summarises our best knowledge of the health and safety of the manufactured product and how to safely handle and use this product in the workplace based on suppliers' raw material safety data sheets and current legislation. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.