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MATERIAL SAFETY DATA SHEET



Fibreglass and Basalt Composite Reinforcement Bar - Black Bar™

1. PRODUCT AND COMPANY INFORMATION

PRODUCT NAME	:	Black Bar™ BFRP and GFRP
PRODUCT USE DESCRIPTION:		Reinforcement Bar
COMPANY	:	Beyond Materials Group PTY LTD. 3/26 Octal street, Yatala 4207 Queensland, Australia
COUNTRY	:	Australia
TELEPHONE	:	+61403010997
WEBSITE	:	www.basaltfrp.com.au
E-MAIL	:	info@basaltfrp.com.au

2. HAZARDS IDENTIFICATION

FORM	:	Dark grey
ODOUR	:	None
CHEMICAL COMPOSITION	:	-Modified Vinylester (20%) -Glass fibre or Basalt fibre (80%) -Pigment, Silica Sand
PRODUCT NAME	:	Black Bar™ BFRP and GFRP

3. PHYSICAL AND CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY	:	2.1
BOILING POINT	:	N/A
VAPOR DENSITY	:	Does not apply
VAPOR PRESSURE	:	Does not apply
SOLUBILITY IN WATER	:	Insoluble
FREEZING POINT	:	None
REACTIVITY IN WATER	:	Does not apply
MELTING POINT	:	700 °C

4. FIREFIGHTING MEASURES

FLASH POINT	:	N/A
FLAMMABLE LIMIT	:	N/A

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SUITABLE EXTINGUISHING : Foam, Carbon Dioxide (CO₂) & Water Fog
SPECIAL INSTRUCTION : Burning FRP rebar Will Create An Acid Black Smoke And Strong Odor That Is Offensive. Firefighter Must Wear Breathing Apparatus.

5. HEALTH HAZARD

HEALTH EFFECTS : Non-hazardous Material Under Normal Use
INHALATION : Glass/Basalt fibre Dust Can Cause Respiratory Irritation and Pulmonary Edema
SKIN CONTACT : Possible Irritation, Always Wear Gloves, Glass Fibre Dust Can Cause Rash, Itching, Conductivities, Coughing And Sneezing. Cleanse Skin With Mild Soap And Running Water Do Not Scratch Affected Area. Have Access To Showers And Eye Wash Stations
EYE CONTACT : Flush Eye With Running Water For At Least 20 Minutes. Always Wear Eye Protection
INGESTION : Non-Toxic, Refer To Nearest Hospital

6. STORAGE, SAFETY AND HANDLING INSTRUCTIONS

STORAGE : Keep Out Of Direct Sunlight
HANDLING : Bars Are Flexible Use Spreader Bar To Lift
WASTE DISPOSAL : Scrap Bars Can Be Disposed Of In A Sanitary Landfill In Accordance With States Regulation
SAFETY INSTRUCTIONS : ALWAYS Use Eye Protection When Cutting. Avoid To Inhale Dust And Protect Your Skin, Contact May Cause Irritation. Use Vacuum Cleaner To Clean The Dust, Avoid Dry Sweeping And Compressed Air
CUTTING : Use Diamond Or Grit Blade Or Hacksaw For Cutting, Do Not Use Flame And Do Not Use Shear Cutter

