

# MATERIAL SAFETY DATA SHEET



## Basalt Chopped Fibre - Black Bar™

### 1. PRODUCT AND COMPANY INFORMATION

PRODUCT NAME	:	<b>Black Bar™</b> Basalt Fibre
PRODUCT USE DESCRIPTION:		Ad-mixture concrete, composites
COMPANY	:	Beyond Materials Group PTY LTD. 3/26 Octal street, Yatala 4207 Queensland, Australia
COUNTRY	:	Australia
TELEPHONE	:	+61403010997
WEBSITE	:	<a href="http://www.basaltfrp.com.au">www.basaltfrp.com.au</a>
E-MAIL	:	<a href="mailto:info@basaltfrp.com.au">info@basaltfrp.com.au</a>

### 2. HAZARDS IDENTIFICATION

FORM	:	Dark brown
ODOUR	:	None
CHEMICAL COMPOSITION	:	Basalt filaments 17 µm silane-based coating 0.2wt%
PRODUCT NAME	:	<b>Black Bar™</b> Basalt Fibre

### 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 :** Basalt fibre is non-flammable and non-explosive. Use firefighting measures suitable for the surrounding fire.

## 5. HEALTH HAZARD

**General :** It is very unlikely that chopped basalt fibres will cause harm. However basalt fibres can cause irritation through splinters of filament entering the skin or other body areas. Any fibre fragments should be removed from the person by gentle washing and/or using tweezers. If it is not possible, seek medical attention.

**Inhalation :** Inhalation is unlikely to occur unless the basalt is being mechanically ground or sanded from continuous fibres in to dust. If irritation to the respiratory tract occurs and persists seek medical attention

**Skin contact :** Remove contaminated clothing and shoes. Gentle wash of affected site with soap and cool clean water. Seek medical attention if symptoms persist or if the fibres become embedded in the skin.

**Eye contact :** Check for and remove any contact lenses. Rinse eyes immediately with clean water for several minutes, keeping eyelids open. Seek medical attention if symptoms of irritation persist.

**Swallowing :** Not a likely route of exposure. If swallowed, seek medical attention immediately.

## 6. STORAGE, SAFETY AND HANDLING INSTRUCTIONS

**Storage requirements :** Storage rooms should be dry with low humidity. Always store it in original packing, which should be intact. Basalt fibre is heavy; ensure that all storage is suitable for the weight that is being stored

**Restrictions on storage :** None

**Storage conditions :** Storage at room temperature in dry, low humidity atmosphere.

**Advice on general hygiene :** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Contaminated clothing and protective equipment should be removed before entering eating areas.

