

MATERIAL SAFETY DATA SHEET

Fiberglass Composite Reinforcement Bar MST-BAR®

MST_BAR® GRADE III Rebar

Version 1

Revision Date 07/24/2013

SECTION 1. PRODUCT AND COMPANY INFORMATION

PRODUCT NAME : MST-BAR® GRADE III GFRP
 PRODUCT USE DESCRIPTION: Reinforcement Bar

 COMPANY : B&B FRP Manufacturing Inc.
 40 Millwick Drive, #9, North York
 Ontario, Canada M9L 1Y3

 COUNTRY : Canada
 TELEPHONE : +1(416) 740-0377
 WEBSITE : www.mstbar.com
 E-MAIL : info@bandbfrp.com

SECTION 2. HAZARDS IDENTIFICATION

FORM : Solid grey
 ODOUR : None
 CHEMICAL COMPOSITION : -Modified Vinylester (20%)
 -Glass fiber (80)
 -Pigment, Silica Sand, Mold Release
 PRODUCT NAME : MST-BAR® GRADE III GFRP

SECTION 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 : 900 °C

SECTION 4. FIREFIGHTING MEASURES

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

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

SECTION 5. HEALTH HAZARD

HEALTH EFFECTS : Non-hazardous Material Under Normal Use
INHALATION : Glass fiber Dust Can Cause Respiratory
Irritation and Pulmonary Edema
SKIN CONTACT : Possible Irritation, Always Wear Gloves,
Glass Fiber 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

SECTION 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 Provincial
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