



**FRICION MATERIAL ULT (BM987FF)  
MATERIAL SAFETY DATA SHEET**

ISSUE DATE – 7 DEC 2005

SUPPLY DATE – 7 DEC 2005

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**SECTION 1 IDENTIFICATION OF THE MATERIAL & SUPPLIER**

**PRODUCT NAME** ULT (BM987FF)

**APPLICATION** Friction Material for vehicle brakes

**SUPPLIER** FMP Group (Australia) Pty Ltd  
Elizabeth Street, Ballarat VICTORIA

**EMERGENCY TELEPHONE** 61 3 53270211

**SECTION 2 HAZARDS IDENTIFICATION**

This product is classified as hazardous under the criteria of WorkSafe Australia

**HAZARD CLASSIFICATION** 1

**RISK PHRASE(S)** R23, R40

**SAFETY PHRASE(S)** S51, S36, S26, S44

**WARNING**

**HEALTH** Normal use of this product will liberate dust. Avoid inhalation of dust.

**ENVIRONMENT** Dispose of as general industry waste.

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS Number	WEIGHT %	NOHSC TWA	NOHSC STEL	SKIN
Magnesium Oxide	1309-48-4	7%	10mg/m <sup>3</sup> as fume		
Copper	7440-50-8	6%	1mg/m <sup>3</sup>		
Graphite	7782-42-5	5%	3mg/m <sup>3</sup>	---	---
Synthetic Mineral Fibre		,0.1%	0.5fibres/ml		
NON HAZARDOUS INGREDIENTS		UP TO 100%			

**SECTION 4 FIRST AID MEASURES**

**INHALATION** Remove to fresh air.

**SKIN CONTACT** Wash exposed area with soap. Obtain medical advice if irritation develops.

**EYE CONTACT** Flush with large amounts of water for 15 minutes, keep eyelids open. Obtain medical advice.

**INGESTION** Obtain medical attention as a precautionary measure.

**OTHER** Clothing contaminated with fibrous dust should be isolated in the work area until laundered.



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## SECTION 5 FIRE FIGHTING MEASURES

<b>EXTINGUISHING MEDIA</b>	Carbon Dioxide, water, foam.
<b>PROTECTION OF FIREFIGHTERS</b>	Use respiratory protection.
<b>HAZCHEM CODE</b>	NOT APPLICABLE
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	CARBON MONOXIDE CARBON DIOXIDE Oxides of NITROGEN.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTIONS</b>	Avoid generating dust.
<b>ENVIRONMENTAL PRECAUTIONS</b>	NO INFORMATION AVAILABLE
<b>METHODS FOR CLEANING UP</b>	NOT APPLICABLE

## SECTION 7 HANDLING AND STORAGE

### HANDLING

<b>TECHNICAL MEASURES</b>	No special precautions necessary
<b>PRECAUTIONS AND ADVICE</b>	No special precautions necessary

### STORAGE

<b>TECHNICAL MEASURES</b>	No special precautions necessary
<b>STORAGE CONDITIONS</b>	No special precautions necessary

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>NATIONAL EXPOSURE STANDARDS</b>	NOT ESTABLISHED
<b>BIOLOGICAL LIMIT VALUES</b>	NOT ESTABLISHED
<b>ENGINEERING CONTROLS</b>	NOT ESTABLISHED
<b>PERSONAL PROTECTIVE EQUIPMENT</b>	<b>GLOVES</b> Protective gloves recommended
	<b>EYE PROTECTION</b> Safety glasses with side shields or goggles
	<b>VENTILATION</b> Local exhaust ventilation may be required
	<b>OTHER EQUIPMENT</b> Not required under normal use
	<b>WORK HYGIENE</b> Wash thoroughly after handling before eating, drinking or smoking



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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	DARK GREY SOLID
Odour	NONE
pH	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE
Vapour Density	NOT AVAILABLE
Boiling point/range	NOT AVAILABLE
Freezing Point	NOT AVAILABLE
Solubility	INSOLUBLE
Specific Gravity or Density	2.64-2.94
<b>Information on Flammability</b>	
Flash Point	NOT AVAILABLE
UEL	NOT AVAILABLE
LEL	NOT AVAILABLE
<b>Additional Information</b>	
Specific Heat Value	NOT ESTABLISHED
Particle Size	NOT AVAILABLE
VOC Content	NOT ESTABLISHED
Evaporation Rate	NOT AVAILABLE
Viscosity	NOT APPLICABLE
Percent volatile	NOT AVAILABLE
Octanol/Water Partition Coefficient	NOT AVAILABLE
Saturated vapour concentration	NOT AVAILABLE
Additional applicable Characteristics	NONE
Flame Propagation	NOT APPLICABLE
Other Properties that may contribute to the intensity of a fire	NOT AVAILABLE
Potential for Dust Explosion	NONE
Reactions that release flammable gases or vapours	NOT AVAILABLE
Fast or intensely burning characteristics	NOT AVAILABLE
Non-flammables that could contribute unusual hazards to a fire	NONE
Release of invisible flammable vapours and gases.	NOT AVAILABLE
Decomposition temperature	NOT AVAILABLE

**SECTION 10 STABILITY AND REACTIVITY**

CHEMICAL STABILITY	STABLE
CONDITIONS TO AVOID	NONE
INCOMPATIBLE MATERIALS	Strong Oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	CARBON MONOXIDE CARBON DIOXIDE Oxides of NITROGEN Airborne Fibrous Dust
HAZARDOUS REACTIONS	NOT AVAILABLE



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**SECTION 11 TOXICOLOGICAL INFORMATION**

No information regarding effects or exposures.

**SECTION 12 ECOLOGICAL INFORMATION**

NO INFORMATION AVAILABLE

**SECTION 13 DISPOSAL CONSIDERATIONS**

**WASTE FROM RESIDUES** DISPOSE OF AS GENERAL INDUSTRY WASTE

**CONTAMINATED PACKAGING** NO AVAILABLE INFORMATION

**SECTION 14 TRANSPORT INFORMATION**

**U.S. DEPARTMENT OF TRANSPORTATION (DOT)** NOT AVAILABLE

**INTERNATIONAL AIR TRANSPORTATION** NOT AVAILABLE

**INTERNATIONAL WATER TRANSPORTATION** NOT AVAILABLE

**DANGEROUS GOODS CLASS** CLASS 9 – MISCELLANEOUS

**UN NUMBER** NOT AVAILABLE

**HAZCHEM CODE** NOT AVAILABLE

**SPECIAL PRECAUTIONS FOR USE** AVOID GENERATING DUST

**SECTION 15 REGULATORY INFORMATION**

Hazardous Substance, Dangerous Good, No EPA data available.

**SECTION 16 OTHER INFORMATION**

**KEY / LEGEND**

<b>TLV</b>	Threshold limit value
<b>TWA</b>	Time-weighted average
<b>STEL</b>	Short-term exposure limit
<b>mg/m<sup>3</sup></b>	Milligrams per meter cubed
<b>ppm</b>	Parts per million

The following sections contain revisions OR NEW statements: NOT AVAILABLE

**DISCLAIMER**

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