

MATERIAL SAFETY DATA SHEET

BarChip MQ58 Synthetic Reinforcing Fibre

Important

Read this MSDS before handling and disposing of this product and pass this information on to all users of this product.

MSDS Number: 913-05 Modified 21/12/2011 5:00 pm

Name of Product: BarChip MQ58

1 Substance / preparation and company identification

1.1 Company

Elasto Plastic Concrete Pty Ltd (Australia)

Ph: +61 1300 131 158

Fax: +61 1300 131 159

2/6 Qualtrough St

Woolloongabba, QLD, 4102

Issued By

Hagihara Industries

BarChip International Division Quality Assurance Group

1.2 Product Identification

Product name: BarChip MQ58

Chemical Family: Polyolefin

Emergency phone: +61 1300 131 158

Contact: Tony Cooper

2 Composition / information on ingredients

2.1 Composition

Compositions given are typical values, not specifications.

Component	%Weight	Cas No	EINECS No
Polypropylene:	50.0 - 30.0	9003-07-0	Not applicable
Polyethylene	87.0 - 67.0	9002-88-4	Not applicable
Other non-hazardous component	1.0 - 3.0	13463-67-7 1333-86-4 9002-88-4	available available Not applicable

Chemical formula: $-(\text{CH}_2-\text{CH}_2)_n-$ or $-(\text{CH}_2-\text{CH}_2)_n-$ $\begin{matrix} \text{CH}_3 \\ | \end{matrix}$

Chemical formula: $-(\text{CH}_2-\text{CH}(\text{CH}_3))_n-$ or $-(\text{CH}_2-\text{CH})_n-$

UN Classification: The product is not regarded as a hazardous item.

2.2 Information on Components

Hazardous component(s): None

3 Hazards Identification

Risk Phrases:

Not harmful to health or environment under normal use of product.
If material is heated up, may cause burns.

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4 First aid measures

Eye Contact:	Rinse the eyes with clean water, then seek medical assistance.
Skin Contact:	Rinse well with clean water.
Inhalation:	Not expected to present a significant inhalation hazard. In case of breathing excessive, airborne dust, move people to a place with clean air. Seek medical assistance if required.
Ingestion:	No specific treatment is necessary, however, in case of swallowing large amounts, vomit immediately, and seek medical assistance.

5 Fire Fighting Measures

Extinguishing methods:	Stop the cause of the fire first, extinguish the fire using chemical foam. Water spray around the surrounding area to cool down. Wear fire protective gear and mask.
Extinguishing agent:	Dry chemical, carbon dioxide gas, alfofoam or water spray.

6 Accidental Release Measures

Sweep up the product, store for disposal in accordance with section 13.

7 Handling and Storage

Handling:	Keep away from ignition sources. Avoid direct sunlight and keep indoors with good ventilation.
Storage:	Keep away from heat or ignition sources. Don't store near strong oxidising agent (halogen, peroxide, etc)

8 Exposure Controls

Acceptable density:	Not specified by ACGIH 1995 version.
Measure for facility:	No specific measure required.
Respiratory protective wear:	Preferable to wear dust proof mask.
Protective glasses:	Preferable to wear protective glasses.
Protective gloves:	Cotton gloves are recommendable.
Protective clothes:	Preferable to wear long sleeve wear.

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9 Physical and Chemical Properties

Appearance:	Solid Body (short fibre or polypropylene)
Length:	58 mm
Specific gravity:	0.9 - 0.92
Boiling point:	None (dissolves)
Steam pressure:	None (solid body)
Melting point:	120 - 170 degrees Celsius
Solution degree:	Water - not solutable
Stability / reaction:	Stable under normal storage
Volatilisation:	None

10 Danger Information

Inflammability:	Yes
Inflammable degree:	300 degrees Celsius
Ignition point:	More than 450 degrees Celsius
Explosive limit:	None
Ignition character:	Natural ignition character / reaction with water: none
Oxidisation character:	None
Self reactive	None
explosiveness:	
Dusty explosiveness:	None
Stability / reaction:	By heat dissolution, it occurs CO, CO2 gas. It reacts with strong oxidising agent

11 Toxicology Information

Acute oral toxicity:	No specific data on this matter is available, as there is no toxicity in the raw material.
Acute skin toxicity:	No specific data on this matter is available, as there is no toxicity in the raw material.
Acute respiratory toxicity:	No specific data on this matter is available, as there is no toxicity in the raw material.
Cause of cancer:	As of carbon black; Carbon black is listed in 'IARC group 2B' which is a group 'possible cancer cause'. Extract is also listed in IARC group 2B. According to the long term environmental epidemiologic investigation through many workers in North America and UK, bad effects to lungs including malignants have not been observed. The category of listing was changed to IARC.
Various causes:	No specific data
Genetic toxicity:	No specific data

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12 **Ecological Information**

Not available

13 **Disposal Considerations**

Dispose of product in accordance with local and national regulations on waster disposal.

14 **Transport Information**

On loading, beware not to break the bags. Pack properly. Avoid water and rough handling.

15 **Applicable Rules or Regulations**

Follow the local and national regulations on disposing, fire laws, Occupational Health and Safety law and PRTR.

16 **Other Information**

All information contained herein is based on the present state of our knowledge at the date of issue. It is believed to be accurate. It is intended to describe products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties. Under no circumstances is the user exempt from respecting legislative or administrative tests related to the product in terms of safety, hygiene, health and used in accordance with good industrial hygiene practices and according to local regulations.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use of disposal of the product.

This MSDS is prepared and is to be used only for this product.

If the product is used as a component in some other product, the MSDS information may not be applicable.

17 **Further Inquiries**

For further information please contact:

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