

Material Safety Data Sheet

Fibre Introduction: Steel and Polymer fibres are designed to provide reinforcement and crack control in construction materials such as concrete and asphalt. The fibres are manufactured from discrete pieces of steel wire and polypropylene materials. The products should always be used in the manner described by the manufacturer. Please refer to the specific product data sheets for correct handling and dosing practices. These products are considered non hazardous when used as intended.

Steel Wire Fibre

Appearances: Steel wire fibres are shaped discrete pieces of wire generally of less than 1mm diameter and range in length between 25mm and 60mm. Colour is silver to grey.

Source Material: Bright hard drawn wire with a tensile strength of between 1100 MPa and 1400 MPa.

Specific Gravity: 7.85

Solubility in Water: Insoluble

Boiling/Melting Point: 1400 deg C.

Flashpoint: N/A

Extinguishing Media: Water, chemical foam, dry chemical, CO₂.

Polymer Fibre

Appearances: Polymer fibres are cut discrete pieces of polymer generally of less than 1mm diameter and range in length between 6mm and 65mm. Colour includes white, silver, grey and black.

Source Material: Polypropylene, Kevlar - Aramid

Specific Gravity: 0.91

Solubility in Water: Insoluble

Boiling/Melting Point: 150 to 170 deg C.

Flashpoint: N/A

Extinguishing Media: Water, chemical foam, dry chemical, CO₂.

First Aid

In case of emergency call your local emergency service (within Australia call 000). The source materials for ReoCo fibres in non toxic. However, should any skin or eye irritation develop, wash the effected area with soap and water and if persistent, consult your doctor.

Fibre handling & Storage

Steel and polymer fibres should be handled with care. Appropriate Personal Protective Equipment should be used at all times. This includes, but not limited to gloves, safety glasses and safety footwear. Ensure that proper lifting techniques are used at all times and that any person lifting any product do so with their own limits. Steel fibre are packaged in 10kg paper bags and polymer fibres are packaged in paper bags ranging from 0.6kg to 5.0 kg. It is advised to store all fibre products under cover to avoid exposure to the elements.

The information provided in this MSDS is based on knowledge and past performance of the material. Every precaution is taken in the manufacture of the product so that it complies with the above description. Responsibility is limited to the supply of the material.

Darren Farmer
Sales Manager
0400 199 283
ReoCo Head Office
+61 2 4648 6300

Rev 2