



# Material SAFETY DATA SHEET

## Macro PP Fiber

### 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Macro PP Fiber**

Description: High performance monofilaments polypropylene macro fiber for concrete

Manufacturer: **Don Construction Products**  
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[www.dcp-int.com](http://www.dcp-int.com)

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### 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Polypropylene fibers.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Polypropylene	-	-	9003-07-0	> 99

Refer to Section 8 for Occupational Exposure Limits.

### 3: HAZARDS IDENTIFICATION

This product is not classified as a hazardous substance.

### 4: FIRST AID MEASURES

Eyes: Fibers or fiber dust may cause irritation or scratch the surface of the eyes. Flush with water to remove particles; remove contact lenses if present part eyelids with fingers to ensure complete flushing. Consult a physician if persistent irritation or other symptoms develop.

Skin: **If thermal burn, cool with water and seek immediate medical attention; do not attempt to peel fibers from skin.** Non-thermal contact with fibers may cause mechanical irritation of the skin. Wash off with soap and water, and consult a physician if symptoms develop.

Inhalation: Inhalation of the fiber fly, dust and decomposition of the finished product may cause respiratory irritation, it is thus to be avoided by hood suction and fresh air ventilation. In case of coughing or other symptoms the person should seek fresh air and if needed consult a physician.

Ingestion: Do not induce vomiting. Call the physician and present the data sheet.



## 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	> 250°C.
Extinguishing Media:	All usual extinguishing media can be used all usual extinguishing media can be used.
Personal Protective Equipment:	Positive pressure self-contained breathing apparatus and full protective clothing.
Special Exposure Hazards:	Carbon monoxide and carbon dioxide (CO and CO <sub>2</sub> ) and low molecular weight organic substances are main components depending on temperature and fresh air supply.

## 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Wear suitable protective clothing, gloves and eye/face protection Caution! Floor and other surfaces may be slippery. Ventilate area of leak or spill. Large and uncontained spillage should be smoother with foam to reduce the risk of ignition.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Recover liquid when possible, collect liquid in appropriate container or soak up with inert absorbent such as sand. Gather into labeled containers. Dispose off as applicable regulations.

## 7: HANDLING AND STORAGE

Handling:	Maintain good standards of personal hygiene. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.
Storage:	Protect against dust, moisture and direct sunlight and ignition sources.

## 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection:	Especially when opening bales, wear safety glasses/face protection.
Skin Protection:	Fibers processed at high speed may cause abrasion or cuts. Appropriate measures are recommended.
Respiratory Protection:	Avoid inhalation, no special measures needed, except for insufficient hood suction/fresh air supply.
Hygiene Measures:	After work wash hands carefully with water and soap, do not eat, drink and smoke. Regular and frequent cleaning of the tools, machines, rooms and clothing required.
Engineering Controls:	Use only in well ventilated areas. Local exhaust ventilation is recommended.



## 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Solid fibers
Colour:	Nature or dye coloured
Odour:	Weak
Boiling Point (°C):	Not applicable
Relative Density (@25°C):	0.90 – 1.00
Water Solubility:	Insoluble

## 10: STABILITY AND REACTIVITY

Stability:	Stable.
Chemical Incompatibility:	None known.
Hazardous Polymerization:	Thermal decomposition starts above 300°C. Hazardous decomposition products as carbon monoxide, carbon dioxide and low molecular organic products are formed.

## 11: TOXICOLOGICAL INFORMATION

To date, proper use of this fiber product has not been associated with a special hazard or any detrimental effects on health.

Some individuals, e.g. with asthma or bronchitis, are likely to be intolerant of high concentrations of airborne fibers or fiber dust when processing.

## 12: ECOLOGICAL INFORMATION

Environmental Assessment:	Not environmentally hazardous.
Mobility:	Not soluble in water.
Degradability:	Fiber is not biodegradable.
Bioaccumulation:	Not applicable.
Environmental Toxicity:	Waste water from processing the fiber is to be collected and fed to a wastewater treatment plant according to local regulations. This product is not water pollutant.

## 13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose off through an authorized waste contractor to a licensed site.
Used/ Contaminated Product:	As for unused product.
Packaging:	Must be disposed off through an authorized waste contractor.



#### 14: TRANSPORT INFORMATION

This product is **not** classified as dangerous for transport.

#### 15: REGULATORY INFORMATION

Named Ingredients: Polypropylene fibers.

#### 16: OTHER INFORMATION

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Revised Date:

Disclaimer: The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.