

## RAW Polypropylene Binding Fleece

Date of issue: 06. 01. 2009

Revision date: 06. 01. 2009

Oil-Only Binding Fleece, Universal Binding Fleece

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

**Trade name** RAW Polypropylene Binding Fleece

**Manufacturer / supplier** RAW Handel und Beratungs GmbH  
Grünstraße 5  
D-79232 March-Hugstetten  
Tel. +49 (0) 7665 / 934 29 - 0  
Fax +49 (0) 7665 / 934 29 - 25

**General information** Product information, Dipl.-Ing. M. Fischer, Tel. +49 (0) 163 / 50 737 60

**Emergency information (24 h)** Dipl.-Ing. M. Fischer or  
Poison Information Center in Bonn, Tel. +49 (0) 228 / 19240

### 2. HAZARDS IDENTIFICATION

**Hazards description:** The product is not dangerous in the sense of directives 67/548/EEC

**Health hazards:** The product is not hazardous, provided that the general industrial hygiene regulations are observed.

**Additional information:** The contact with the molten product may cause burns.

**Special hazards:** The product is not a "dangerous substance" according to EC criteria.  
The product is not "flammable" according to EC criteria.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Characterisation:** Fleece material made of polypropylene

**Ingredients:**

CAS No	Name	% w/w	Symbol	R-phrases
9003-07-0	Polypropylene	>99 %	-	-
1333-86-4	Carbon black	<0,1%	-	-
	Proprietary surfactant	<1,0%	-	-

### 4. FIRST AID MEASURES

**General information:** No special measures are required.

**In case of inhalation:** Not applicable.

**In case of skin contact:** The unused product does not cause skin irritation.

**In case of eye contact:** Not applicable.

**In case of ingestion:** Not applicable.

**In case of fire:** Molten product may cause burns.  
Thoroughly wash the affected area with water.  
DO NOT remove clothing (possible risk of sticking to skin).  
Call a physician immediately.  
Gloves are necessary only when handling molten product. To cool down the hot molten product, dip it into water or spray it with water.

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### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	All extinguishing media are suitable. Fight larger fires with water spray jet or alcohol resistant foam.
<b>Special hazards:</b>	Flammable, melting product when exposed to heat. Risk of fire transmission caused by flaming drips.
<b>Resulting decomposition products in case of fire</b>	Carbon monoxide and carbon dioxide, aldehydes, acrolein, ketones.
<b>Special fire-fighting measures:</b>	Let the molten product cool down.
<b>Special protective equipment for fire-fighters:</b>	When fighting a fire, wear breathing apparatus and protective goggles.
<b>Additional information:</b>	Collect contaminated fire extinguishing water separately (must not be discharged into drains).

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	No special precautions are necessary.
<b>Environmental precautions:</b>	The product is not hazardous to the environment. However, drains must be covered. Do not allow large amounts of product to enter drains/surface water.
<b>Methods for cleaning up/picking up:</b>	Take up the product mechanically.

### 7. HANDLING AND STORAGE

#### Handling

<b>Technical protective measures:</b>	None required.
<b>Advice on safe handling:</b>	No special measures are necessary. Avoid static discharges. When handling product, observe standard industrial hygiene and protection practices in the workplace.

<b>Precautions against fire and explosion:</b>	Do not overheat the product. (See Physical Properties chapter 9 of this Safety Data Sheet)
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#### Storage

<b>Technical protective measures:</b>	None required.
<b>Requirements for storage rooms and vessels:</b>	No special requirements.
<b>Advice on storage assembly:</b>	None.
<b>Further information on storage conditions:</b>	Store in a cool and dry place. Keep away from naked flames. Protect against heating and direct sunlight.
<b>Packaging characteristics:</b>	The product can be packed in packaging materials usually available on the market.
<b>Packaging materials:</b>	Cardboard. Polyethylene.

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### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### Additional information on plant design

No special measures are necessary, provided that the general industrial hygiene regulations are observed when handling the product.

#### Components with occupational exposure limits requiring monitoring

The product does not contain any relevant amounts of substances requiring occupational exposure limits and monitoring.

#### Personal protection equipment

Under normal conditions the product does not require special precautionary measures. Standard industrial hygiene practices should be observed.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance

<b>Form:</b>	solid	<b>Colour:</b>	brown, white, grey
<b>Odour:</b>	odourless	<b>Density at 20° C:</b>	0,9 g/cm <sup>3</sup>
<b>pH value:</b>	not applicable		

#### Safety relevant data

<b>Melting point/melting range:</b>	160° C
<b>Boiling temperature/boiling range:</b>	Not applicable
<b>Decomposition temperature:</b>	Decomposition may start at 240° C
<b>Flash point:</b>	Approx. 240° C
<b>Auto ignition temperature:</b>	> 390° C
<b>Oxidising properties:</b>	Not oxidising according to EC criteria
<b>Explosion hazards:</b>	The product is not explosive
<b>Water solubility:</b>	Insoluble

### 10. STABILITY AND REACTIVITY

<b>Thermal decomposition:</b>	No decomposition if used as prescribed. To avoid thermal decomposition, do not overheat the product.
<b>Conditions to avoid:</b>	No hazardous reactions are known if used as prescribed.
<b>Materials to avoid:</b>	Avoid use of strong oxidants.
<b>Hazardous decomposition products:</b>	Carbon monoxide and carbon dioxide, aldehydes, acrolein, ketone

### 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	None
<b>Primary irritation to the skin:</b>	No irritant effect
<b>to eyes:</b>	Temporary, reversible irritant effect
<b>Sensitisation:</b>	No sensitising effect known
<b>Additional toxicological information:</b>	According to our experience and present state of knowledge, the product causes no damaging effects if handled properly and used as prescribed.

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### 12. ECOLOGICAL INFORMATION

**Persistence/degradability:** The product is inherently biodegradable.

**Water hazard:** Insoluble solid.

### 13. DISPOSAL CONSIDERATIONS

**Product:** Dispose of product according to official regulations valid for the absorbed material.

**Contaminated packages:** Dispose of/recycle according to official regulations.

### 14. TRANSPORT INFORMATION

**Land transport :** No dangerous good according to ADR/RID and GGVS/E

**Marine transport:** No dangerous good according to IMDG/GGVSea

**Air transport :** No dangerous good according to ICAO/IATA-DGR

**Further information:** No dangerous good in sense of the above mentioned regulations.

### 15. REGULATORY INFORMATION

**Labelling:** According to EC regulations the product does not have to be labelled.

**National regulations:** It is advised to consult any relevant national/local regulations likely to be applied.

**Occupational health and safety regulations:** Regulations for the prevention of industrial accidents of the employers' liability insurance associations.

### 16. OTHER INFORMATION

The information contained in this Safety Data Sheet is based on our present-day knowledge. However, this shall not constitute a guarantee for any product features and shall not establish a legally valid contractual relationship.