

# SAFETY DATA SHEET

In compliance with Regulation (EC) No 453/2010  
Revision date 06.11.2024

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name	<b>FILAMAG-F</b>
REACH registration	A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.
No. CAS	
No. EC	

### 1.2 Relevant identified uses of the substance or mixture

Identified uses	Electromagnetic waves absorption Additives manufacturing Research & development
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### 1.3 Details of the supplier of the safety data sheet

Supplier	HYMAG'IN S.A.S 1270 rue de la piscine F-38400 SAINT MARTIN D'HERES
Phone number	+33 (0)4 57 04 11 91
E-mail address	contact@hymagin.com

### 1.4 Emergency telephone number

Country	FRANCE
Official contact	ORFILA
Emergency phone number	+33 (0)1 45 42 59 59

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## SECTION 2 : Hazards identification

### 2.1 Classification of the substance / mixture

This product is not hazardous according to EC criteria No. 1272/2008.

### 2.2 Label elements

This product is not hazardous according to EC criteria No. 1272/2008.

### 2.3 Other hazards

This substance does not contain any ingredients considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or more.

Do not breathe dust.

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## SECTION 3 : Composition / information on ingredients

### 3.1 Substances

Ingredients	Wt %	Molar mass (g/mol)	No. CAS	No. EC	Classification
					Regulation (EC) No. 1272/2008 [CL]
Magnetite Fe <sub>3</sub> O <sub>4</sub> (triiron tetraoxyde)	70	231,5	1317-61-9	215-277-5	Not classified
Polyester preparation	30	ND	NA	NA	Not classified

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## SECTION 4 : First aid measures

### 4.1 Description of first aid measures

In case of inhalation	In case of smokes of dusts, remove victim to fresh air.
In case of skin contact	Wash with plenty of soap and water
In case of eye contact	Wash with plenty of water
If swallowed	Rinse mouth with water

### 4.2 Most important symptoms and effects, both accurate and delayed

In case of inhalation	No information available, treat symptomatically.
In case of skin contact	No information available, treat symptomatically.
In case of eye contact	No information available, treat symptomatically.
If swallowed	No information available, treat symptomatically.

### 4.3 Indication of any immediate medical attention and special treatment needed

No information available, treat symptomatically.

## **SECTION 5 : Firefighting measures**

### **5.1 Extinguishing media**

The product is not combustible: adapt extinguishing media to external environment.  
No limitation for extinguishing media for this product.

### **5.2 Special hazards arising from the substance or mixture**

The product is not combustible: no hazardous combustion product under normal conditions.

### **5.3 Advice for firefighters**

The product is not combustible.

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## **SECTION 6 : Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

No special precaution required.

### **6.2 Environmental precautions**

Prevent product from entering sewers, waterways and soil. In case of pollution of waterways or sewers, inform the competent authorities in accordance with local regulations.

### **6.3 Methods and material for containment and cleaning up**

Use mechanical handling equipment or Hoover for disposal and dispose contaminated materials as waste.

### **6.4 Reference to other sections**

For safe handling, refer to section 7.  
For personal protection equipment, refer to section 8.  
For disposal considerations, refer to section 13.

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## **SECTION 7 : Handling and storage**

### **7.1 Precautions for safe handling**

Make sure ventilation if appropriate. Use gloves when handling the product.

### **7.2 Conditions for safe storage, including any incompatibilities**

Keep in the original container, store in a dry place and protect against air humidity and water.

### **7.3 Specific end use(s)**

Refer to section 1.2. No other uses identified

## SECTION 8 : Exposure controls / personal protection

### 8.1 Control parameters

Components with occupational exposure limit values

Component	No. CAS	Exposure typical value
Magnetite	1317-61-9	French exposure limit value over 8 hours – 5 mg/m <sup>3</sup> – (breathable dusts)
Note : Indicative limit value		

### 8.2 Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation.

#### Personal protective equipment



#### Skin protection

Handle with gloves. Use heat protection gloves (EN 407) when handling the melted product.

#### Eye / face protection

Use eyes protection equipment (EN 166)

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## SECTION 9 : Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical aspect	Flexible solid
Colour	Grey - Black
Odour	None
Odour threshold	Not applicable
pH	Not applicable
Melting point	ND *
Boiling point	ND
Flash point	Not applicable
Flammability (solid, gas)	Non flammable
Explosive properties	Not applicable
Vapour pressure	ND
Vapour density	ND
Apparent density	2.8 g/cm <sup>3</sup> at 25°C
Hydro solubility	Insoluble
Self-ignition temperature	Not applicable
Decomposition temperature	ND
Viscosity	ND

\* *Extrusion temperature = 230°C*

### 9.2 Other information

No other information available.

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## SECTION 10 : Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known in normal use conditions.

### 10.2 Chemical stability

Stable under the recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

No data available.

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

No decomposition if stored and used according to instructions.

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## **SECTION 11 : Toxicological information**

### **11.1 Information on hazard classes**

#### **Inhalation:**

Based on available data, the classification criteria are not met.

#### **Skin corrosion/irritation:**

Based on the available data, the classification criteria are not met.

#### **Serious eye damage/eye irritation:**

Based on the available data, the classification criteria are not met.

#### **Respiratory or skin sensitisation:**

Based on the available data, the classification criteria are not met.

#### **Germ cell mutagenicity:**

Based on the available data, the classification criteria are not met.

#### **Carcinogenicity:**

Based on the available data, the classification criteria are not met.

#### **Reproductive toxicity:**

Based on the available data, the classification criteria are not met.

#### **Specific target organ toxicity - single exposure:**

Based on the available data, the classification criteria are not met.

#### **Specific target organ toxicity - repeated exposure:**

Based on the available data, the classification criteria are not met.

#### **Aspiration hazard:**

Based on the available data, the classification criteria are not met.

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## **SECTION 12 : Ecological information**

### **12.1 Toxicity**

No data available

### **12.2 Persistence and degradability**

No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility in soil**

No data available

### **12.5 Results of PBT and vPvB assessment**

This substance does not contain any ingredients considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or more.

### **12.6 Other adverse effects**

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## **SECTION 13 : Disposal considerations**

### **13.1 Waste treatment methods**

#### **Product**

If product cannot be used anymore or recycled, dispose of this material and residues in accordance with local authority requirements.

#### **Contaminated packaging**

Empty packaging are subject to recycling in accordance with local authority requirements.

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## **SECTION 14 : Transport information**

### **14.1 UN Number**

Not regulated as dangerous goods

### **14.2 United Nations shipping name**

Not regulated as dangerous goods

### **14.3 Hazard class(es)**

Not regulated as dangerous goods

### **14.4 Packing group**

Not regulated as dangerous goods

### **14.5 Environmental hazards**

Not regulated as dangerous goods

### **14.6 Special precautions to be taken by the user**

Data not available

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## **SECTION 15 : Regulatory information**

The contents and format of this safety data sheet are in accordance with Regulation (EC) No 453/2010.

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Data not available.

### **15.2 Chemical safety assessment**

Exempted from REACH Registration. For this product, no chemical safety assessment has been conducted.



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## **SECTION 16 : Other information**

Customs code : SH 391690 - Monofilament of which any cross-sectional dimension > 1 mm, rods, sticks and profile shapes, of plastics, whether or not surface-worked but not further worked (excl. that of addition polymerization products, condensation or rearrangement polymerization products, whether or not chemically modified)

The information this document contains is based on the state of knowledge of our suppliers about the product concerned at the date of writing. They are given in good faith. The list of regulatory requirements and applicable precautions simply intended to help the user to fill its obligations when using the product. It is not exhaustive and does not exempt the user from further obligations other texts applicable to detention or to the specifics of the implementation of which remains solely responsible in the context of risk analysis that it must lead before using the product. The user's attention is drawn to the possible risks incurred when a product is used for other purposes than those for which it is designed.