

# Safety Data Sheet

Safety Data Sheet according to Regulation (EC) N°1907/2006

Trade name: **3D Printer Filaments – 834Q**

Revision: 01/2016

## 1. Identification of the product and of the company

Product:

**3D PRINTER FILAMENTS – 834Q**

Company:

Filkemp - Indústria de Filamentos, S.A.,  
R. Francisco Lyon de Castro, n.28  
2726-932 Mem Martins, PORTUGAL  
Tel.: 00 351 21 922 94 10  
Fax: 00 351 21 920 76 93  
E-mail: [info@filkemp.com](mailto:info@filkemp.com)

## 2. Hazards identification

No hazardous according to EC-Regulations.

## 3. Composition/ information on ingredients

Neopentylglycol-ethyleneglycol terephthalate copolymer, additives and organic and inorganic colorants

## 4. First-aid measures

**On contact with eyes:** Product is solid. Remove as any foreign object.

**On skin contact:** Cool skin rapidly with cold water after contact with molten material.  
Do not peel polymer from skin. Get medical attention, if necessary.

**If inhaled:** Product is solid. No special measures required

**On ingestion:** No special measures required

## 5. Fire-fighting measures

**Suitable extinguishing media:** water, foam, carbon dioxide or dry powder.

Use self containing breathing apparatus for fire fighting in closed rooms.

During combustion can be emitted: carbon monoxide, carbon dioxide, acetaldehyde and traces of other toxic substances, due to decomposition and oxidation of the product.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Particular danger of slipping on spilled product

**Environmental precautions:**

No special measures required

**Methods and material for containment and cleaning up:**

Collect mechanically.

## 7. Handling and storage

Handling: when handling carton boxes or pallets observe ergonomic recommendations

Storage: no special hazards, when storing carton boxes or pallets take measures against falling down.

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## 8. Exposure controls/ personal protection

### Personal protective equipment:

Respiratory protection: Fine-dust mask, depending on application  
Hand protection: Protective gloves are recommended  
Eye protection: Safety glasses are recommended  
Hygiene measures: Wash hands before breaks and after work.

## 9. Physical and chemical properties

Appearance: Filament  
Melting point / melting range: 80 - 85 °C  
Flash point: Not applicable  
Density: > 1.29 g/cm<sup>3</sup> at 20 °C  
Water solubility: insoluble

## 10. Stability and reactivity

No specific test data related to reactivity available for the product or its ingredients. The product is stable. Under normal conditions of storage and use, hazardous reactions will not occur.

## 11. Toxicological information

Combustion products may be irritant.

## 12. Ecological information

Toxicity: Not available  
Persistence and degradability: Not available

## 13. Disposal considerations

As most of thermoplastics, the product can be recycled. If recycling is not possible, the product must be taken to a waste disposal site or incinerated subject to local regulations.

## 14. Transport information

Road, marine or air transport: Non-hazardous goods

## 15. Regulatory information

Hazard symbols, R or S phrases: none

## 16. Other information

This information is based on our present state of knowledge and does not guarantee specific properties of the products described or their suitability for a particular application.