



## **SAFETY DATA SHEET**

Revision 16/02/2020 12:00:00 a.m.

According to Regulation (EC) N° 1907/2006

01/09/2020 06:52:26 p.m.

This document contains important health and safety information  
It should be read before using the substance for the first time.

### **1.0. Identification of Substance or Blend, and Corporation or Company**

#### **1.1. Product identification**

Name KAYLON®FILAMENTOS  
Synonym Kaylon®Filamentos  
JDE CODE: NOT APPLICABLE

#### **1.2. Applicable uses for the substance or blend and non-recommended uses**

Identified uses Finished product

#### **1.3. Safety data sheet supplier information**

Company Enka de Colombia S.A.  
Representative Calle 3 Sur #43 A ± 52 Piso 5  
Medellín Colombia Tel:  
Fax +57 (4) 3195155  
P.O. Box: 5233  
Email [ventasmercadeo@enka.com.co](mailto:ventasmercadeo@enka.com.co)

#### **1.4. Emergency telephone**

Enka de Colombia S.A. +57 (4) 4055 055 - 57 (4) 4055 234  
Lifesaver number CISTEMA -SURA +57 (4) 018000 51 1414 - 57 (4) 4444 578

### **2.0. Hazard Identification**

#### **2.1. Classification of the substance or blend**

Classification (REGULATION (CE) NO. 1272/2008)

No information available from the supplier's safety data sheet

## 2.2. Labeling items

Labeling (REGULATION (CE) No. 1272/2008)

*Hazard pictograms*

*Warning word*

None

*Hazard indications*

0000 No information available from the supplier's safety data sheet

*Care advice*

Prevention 0000 No information from the supplier's safety data sheet

**NFPA Classification system**

**NFPA range (scale of 0-4) Definitions: 0-Minimal, 1-Slight, 2-Moderate, 3-High, 4-Extreme**

## 2.3. Other hazards

## 3.0. Composition / Component Information

### 3.1. Substance

Formula HO - [(CH<sub>2</sub>)<sub>2</sub>-OOC - C<sub>6</sub>H<sub>4</sub> - COO-]<sub>n</sub> - (CH<sub>2</sub>)<sub>2</sub> - OH

CAS No. Not applicable

<b>Component name</b>	<b>CAS</b>	<b>TWA</b>	<b>STEL</b>	<b>Percentage</b>
Polyethylene terephthalate	25038-59-9 85-99			
Titanium dioxide	13463-67-7 0 - 1.5			
Brightener				0 - 1.0
Catalyst residue				0.3
Coning oil				0 ± 4

### 3.2 Mixture

Not applicable

## 4.0. First aid

### 4.1. Description of first aid

After inhalation There is no indicated specific intervention because there is little likelihood that the material could be dangerous through this system. Dust and brightener and/or coning oil products are found in very small quantities in the workplace because of the technical measures that are usually implemented, such as aeration and vacuuming.

After contact with the skin	It is unlikely that the product could cause skin irritation; if it occurs, wash using soap and water; if irritation persists, consult a physician.
After contact with the eyes	In case of contact, rinse the eyes immediately with plenty of water for at least 15 minutes. Consult a physician.
After ingestion	Not toxic. Wash mouth with water and consult a physician

#### 4.2. Main symptoms and acute and delayed effects

Not applicable not applicable not applicable not applicable

#### 4.3. Indications about all medical care and special treatments to be given immediately

Not applicable

### 5.0. Firefighting measures

#### 5.1. Fire extinguishing methods

Water, dry chemical powder, or CO<sub>2</sub>.

#### 5.2. Specific hazards derived from the substance or mixture

Not applicable. Use self-contained breathing apparatus to protect against smoke inhalation while putting out the fire. Not applicable. Use self-contained breathing apparatus to protect against smoke inhalation while putting out the fire

#### 5.3. Recommendations for firefighting personnel

Use self-contained breathing apparatus to protect against smoke inhalation while putting out the fire

### 6.0. Steps to take in case of accidental spills

#### 6.1. Personal precautions, protection equipment, and emergency procedures

Not applicable Not applicable

#### 6.2. Environmental precautions

Not applicable

#### 6.3. Methods and materials for containment and cleanup

Not applicable

#### 6.4. Refer to other sections

For instructions about waste management, see section 13.

### 7.0. Handling and storage

#### 7.1. Tips for safe handling

Spools and cops, and cardboard boxes or pallets must be handled according to the instructions printed on the labels.

#### 7.2. Conditions for safe storage, including possible incompatibilities

##### *Storage conditions*

Store in a cool, dry place, away from direct sunlight. A ventilation system is required. The floor should be level and firm. Maximum stacking height is two pallets. Leave at least 2.8 m aisles between stacks to allow forklifts or firefighting equipment traffic. Leave at least 0.5 m free space between bags and any spray nozzle. People should not climb the piles.

### 8.0. Exposure Control / Individual Protection

### 8.1. Control parameters

Components with maximum values that need monitoring in the workplace

Component name	CAS	TWA	STEL
Polyethylene terephthalate	25038-59-9 85-99		
Titanium dioxide	13463-67-7 0 - 1.5		
Brightener			
Catalyst residue			
Coning oil			

### 8.2. Exposure controls

#### Engineering provisions

Not applicable

#### Individual protection measures

##### *Eye and face protection*

Not applicable

##### *Hand protection*

When processed at high speeds, yarn can cause abrasions or cuts. It is a good practice to minimize contact with the skin in these cases.

##### *Breathing protection*

It is very unlikely that normal exposure to this product will affect the respiratory system of a healthy individual

##### *Environmental exposure controls*

Not applicable

## 9.0 Physical and Chemical Properties

Shape	Continuous filament POY yarn.
Color	White, semi-matte, or glossy.
Odor	Odorless or with a mild odor due to the presence of
Olfactory threshold	brighteners or coning oil
pH	Not applicable
Melt point	Not applicable
Boiling point/interval	Max. 260 °C - Max. 500 °F.
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid/gas)	Not applicable
Upper/lower explosivity limit	Not applicable
Vapor pressure	Not applicable
Relative vapor density	Not applicable
Relative density	Approx. 1.30 - 1.40 g/cm <sup>3</sup>
Water solubility	Not applicable
n-octanol/water partition coefficient	Insoluble.
Spontaneous ignition temperature	Not applicable
Decomposition temperature	450 °C - 842 °F.
Viscosity	Starting at 350 °C
	Not applicable

## 10.0. Stability and Reactivity

### 10.1. Reactivity

Not applicable

### 10.2. Chemical stability

Stable.

### 10.3. Likelihood hazardous reactions

Not applicable

### 10.4. Conditions to be avoided

Decomposition occurs at temperatures above 350 °C in the presence of oxygen.

### 10.5. Incompatible materials

It can react with strong oxidizer additives. It is decomposed by strong acids or bases.

### 10.6. Hazardous decomposition products

Hazardous decomposition materials: Carbon dioxide, carbon monoxide, and partially with low molecular weight bonds.

## 11.0. Toxicology Information

### 11.1. Information about toxic effects

Not classified as hazardous.

### 11.2. Other information

Not applicable

## 12.0. Ecologic information

### 12.1. Toxicity

Not applicable

### 12.2. Persistence and degradability

Not biodegradable.

### 12.3. Bioaccumulation potential

Not applicable

### 12.4. Soil mobility

Not applicable

### 12.5. Other adverse effects

Not applicable

## 13.0. Considerations about disposal

*Methods for waste treatment*

It is recyclable

## 14.0. Information about transportation

Not classified as hazardous.

14.1. UN numbers  
sheet

No information available from the supplier's safety data

14.2. Official United Nations transportation designation Not applicable

14.3. Class

14.4. Packing group  
sheet

No information available from the supplier's safety data

**14.5. Environmental hazards**

Not applicable

**14.6. Special precautions for users**

Not applicable

**14.7. Bulk transportation (according to attachment II of the Marpol 73/78 agreement, and IBC code)**  
Not applicable

## 15.0. Regulatory information

**15.1. Substance or mixture health, safety, and environmental regulations or legislation**  
Not classified as hazardous according to the information available.

## 16.0. Other information

Applications: Textile and semi-industrial applications, by itself, or in a blend with other yarns in different materials. Forms: The material, as a continuous filament transformed into textiles and has applications in medicine, intimate hygiene, and lingerie. The information contained in this document is based on our available data which we are providing in good faith. Enka de Colombia S.A. does not provide an explicit or implicit warranty about the accuracy of the information and, therefore, about the results obtained from the use thereof.

The data provided in this safety data sheet are based on our current knowledge. They only describe the safety measures for handling the product and do not represent any guarantee about the properties of the product described.

### **Bibliography**

Enka de Colombia Safety Data Sheet – Version 04 reviewed April 3, 2007 according to Directive 91/155/EEC /