



## SAFETY DATA SHEET

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

According to Regulation (EC° 1907/2118.6

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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 NYLON 6 YARNS AND CORDS  
Synonym Nylon 6 Yarns and Cords  
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  
E-mail [ventasmercadeo@enka.com.co](mailto:ventasmercadeo@enka.com.co)

#### 1.4. Emergency Phone(s)

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 mixture

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

NAFPA 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-[CO-(CH<sub>2</sub>)<sub>5</sub>-NH]<sub>n</sub>-H

CAS No. 25038-54-4

*Component name*

Polycaprolactam

*TWA*

*STEL*

*Percentage*

### 3.2 Mixture

Not applicable

## 4.0. First aid

### 4.1. Description of first aid

After inhalation No information available

After contact with the skin In case of burns, cool the molten material adhered to the skin as quickly as possible using cold water and consult a physician to remove any adhered polymer.

After contact with the eyes No information available

After ingestion No information available

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

ral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m<sup>3</sup>/30m. Oral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m<sup>3</sup>/30m. Oral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m<sup>3</sup>/30m. Oral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m<sup>3</sup>/30m. No information available

### 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. Gases and vapors from decomposition and combustion products may be toxic. Use self-contained breathing apparatus to protect against smoke inhalation while putting out the fire. Gases and vapors from decomposition and combustion products may be toxic.

### 5.3. Recommendations for firefighting personnel

Use self-contained breathing apparatus to protect against smoke inhalation while putting out the fire. Gases and vapors from decomposition and combustion products may be toxic

## 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

Collect in bags, trying not to raise dust.

### 6.4. Refer to other sections

For instructions about waste management, see section 13.

## 7.0. Handling and storage

### 7.1. Precautions for safe handling

*Tips for safe handling*

Not applicable.

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

*Storage conditions*

Prevent accidental movement of pallets. The product should be stored in a cool, dry place away from direct sunlight. The floor should be level and firm.

## 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
Polycaprolactam			

### 8.2. Exposure controls

Engineering provisions

Not applicable

Individual protection measures

*Eye and face protection*

*Use of goggles is recommended*

*Hand protection*

Not applicable

Breathing protection

Not applicable

Environmental exposure controls

Not applicable

## 9.0 Physical and chemical properties

Shape

Not applicable

Color	Not applicable
Odor	Not applicable
Olfactory threshold	Not applicable
pH	Not applicable
Melt point	Not applicable
Boiling point/interval	220
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	Not applicable
Water solubility	Not applicable
n-octanol/water partition coefficient	Not applicable
Spontaneous ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not applicable

## 10.0. Stability and reactivity

- 10.1. Reactivity
  - Stable under normal conditions
- 10.2. Chemical stability
  - Not applicable
- 10.3. Likelihood of hazardous reactions
  - Not applicable
- 10.4. Conditions to be avoided
  - Not applicable
- 10.5. Incompatible materials
  - Not applicable
- 10.6. Hazardous decomposition products
  - Not applicable

## 11.0. Toxicology information

- 11.1. Information about toxic effects
  - Not applicable.
- 11.2. Other information
  - Oral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m<sup>3</sup>/30m.

## 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*  
Not applicable

### 14.0. Information about transportation

Not classified as hazardous.

14.1. UN numbers safety data sheet	No information available from the supplier's
14.2. Official United Nations transportation designation	Not applicable
14.3. Class	
14.4. Packing group safety data sheet	No information available from the supplier's
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

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.

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#### **Bibliography**

Enka de Colombia Safety Data Sheet – Version 01 reviewed 01-05-2000 according to Directive 91/155/EEC /