

## MATERIAL SAFETY DATA SHEET

Review: 27/03/2021 12:00:00

According to Regulation (EC) No. 1907/2006

Print date: 29/03/2021 08:06:36 a.m.

This document contains important health and safety data.

It must be read before the substance is first used.

### 1.0. Identification of the Substance / Mixture and of the Company / Undertaking

#### 1.1. Product Identifier

Denomination	NYLON 6 TECHNICAL YARN, SINGLE TWISTED OR TWISTED AND CORDS WITH UV PROTECTION ADDITIVES
Synonymous	NYLON 6 TECHNICAL YARN, SINGLE TWISTED OR TWISTED AND CORDS WITH UV PROTECTION ADDITIVES
JDE Code	SIN CODIGO

#### 1.2. Relevant Identified uses of the substance or mixture and uses advised against

Identified uses                      Identified uses

#### 1.3. Details of the Supplier of the Safety Data Sheet

Company                              Enka de Colombia S.A

Regional Representation

Calle 3 Sur #43 A – 52 Piso 5

Medellín Colombia

Tel:

Fax:                      +57 (4) 3195155

POBox:                      5233

Email:                      ventasymercadeo@enka.com.co

#### 1.4. Emergency Telephone Number

Enka de Colombia S.A.                      +57 (4) 4055 055 - 57 (4) 4055 234

Línea Salvavidas CISTEMA -SURA                      +57 (4) 018000 51 1414 - 57 (4) 4444 578

### 2.0. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

Labelling (REGULATION (EC) N° 1272/2008)

It is not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

## 2.2. Label Elements

### Labelling (REGULATION (EC) N° 1272/2008)

*Hazards Pictograms*

*Signal Word*

*Hazards Statements*

0000 No information from Material Safety Data Sheet Supplier

*Precautionary Statements*

Prevention            0000 No information from Material Safety Data Sheet Supplier

### Classification System NFPA

**NFPA Ratings (scale 0 - 4)** Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme.

## 2.3. Other hazards

## 3.0. Composition/Information on Ingredients

### 3.1. Substance

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

CAS Nro.    25038-54-4.

<i>Component Name</i>	<i>CAS</i>	<i>TWA</i>	<i>STEL</i>	<i>Percentage</i>
Manganeso ( ppm)	7439-96-5	0.1 mg/m <sup>3</sup>		15 ppm
% Nylon	25038-54-4			<= 98.8 %
% Extractables en metanol				< 1.2%

### 3.2. Mixture

Not applicable

## 4.0. First Aid Measures

### 4.1. Description of First Aid Measures

After inhalation	In case of fire, avoid breathing toxic gases.
After skin contact	If burns are caused, cool melt material adhered to skin as soon as possible with cool water and consult a physician to remove stucked.
After eye contact	Not dangerous by eye contact.

After swallowing Not dangerous for intake.

#### 4.2. Most important symptoms and effects, both acute and delayed

This material is not considered dangerous. This material is not considered dangerous. This material is not considered dangerous. This material is not considered dangerous. This material is not considered dangerous. This material is not considered as dangerous. This material is not considered dangerous. None known.

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

Deliver safety sheet when consulting.

### 5.0. Firefighting Measures

#### 5.1. Extinguishing media

Water, dry chemical dust and CO<sub>2</sub>.

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

In case of emergencies the products of thermal decomposition can represent a danger to health. Use self-contained air equipment to protect from smoke inhalation. Gases and vapors emitted from the products of decomposition and combustion can be toxic. NO (x), CO. Use self contained breathing apparatus to protect personal from smoke inhalation while fighting fire. Fumes and vapors emitted from the decomposition and combustion products may be toxic. Use self contained breathing apparatus to protect personal from smoke inhalation while fighting fire. Fumes and vapors emitted from the decomposition and combustion products may be toxic.

#### 5.3. Advice for firefighters

Use self contained breathing apparatus to protect personal from smoke inhalation while fighting fire. Fumes and vapors emitted from the decomposition and combustion products may be toxic.

### 6.0. Accidental Released Measures

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

No information No information

#### 6.2. Environmental precautions

No information from Material Safety Data Sheet Supplier

#### 6.3. Methods and materials for containment and cleaning up

Collect in bags, avoiding dust.

#### 6.4. Reference to other sections

Indications about waste treatment see section 13

### 7.0. Handling and Storage

#### 7.1. Precautions for safe handling

*Tips for safe handling*

Avoid inhalation, contact with eyes and skin.

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

### *Storage conditions*

Pallets should be to prevent accidental movement. The product has to be stored in a fresh, dry and sun protected location. The floor has to be leveled and firm.

## 8.0. Exposure Controls / Personal Protection

### 8.1. Control parameters

Components with limit values that require monitoring at the workplace

Component Name	CAS	TWA	STEL
Manganeso ( ppm)	7439-96-5	0.1 mg/m3	
% Nylon	25038-54-4		
% Extractables en metanol			

### 8.2. Exposure controls

#### **Engineering measures**

Not available.

#### **Individual protection measures**

##### *Eye / Face protection*

Use goggles eyeglasses.

##### *Hand protection*

Does not apply

##### *Respiratory protection*

Does not apply

##### *Environmental exposure controls*

No information from Material Safety Data Sheet Supplier

## 9.0. Physical and Chemical Properties

Form	Solid
Colour	pink or black.
Odour	no data
Odour threshold	no data
pH	no data
Melting point	220°C
Boiling point / Boiling range	no data

Flash point	no data
Evaporation rate	no data
Flamability (solid, gas)	no data
Lower / Upper explosion limit	no data
Vapour pressure	no data
Relative vapour density	no data
Relative density	no data
Water solubility	no data
Partition coefficient: n-octanol/water	no data
Autoignition temperature	no data
Decomposition temperature	no data
Viscosity	no data

## 10.0. Stability and Reactivity

### 10.1. Reactivity

It is stable under normal conditions.

### 10.2. Chemical stability

It is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No information from Material Safety Data Sheet Supplier

### 10.4. Conditions to avoid

Avoid sources of ignition and electrostatic charges.

### 10.5. Incompatible materials

Strong oxidation agents, bases and acids.

### 10.6. Hazardous decomposition products

NO (x), CO, Ammonia.

## 11.0. Toxicological Information

### 11.1. Information on toxicological effects

Oral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m<sup>3</sup>/30m.

### 11.2. Further Information

This material is not considered dangerous.

## 12.0. Ecological Information

### 12.1. Toxicity

It is not biodegradable.

#### 12.2. Persistence and degradability

No information from Material Safety Data Sheet Supplier

#### 12.3. Bioaccumulative potential

No information from Material Safety Data Sheet Supplier

#### 12.4. Movility in soil

No information from Material Safety Data Sheet Supplier

#### 12.5. Other adverse effects

No information from Material Safety Data Sheet Supplier

### 13.0. Disposal Considerations

#### *Waste treatment methods*

It is recyclable.

### 14.0. Transport Information

Not classified as dangerous

**14.1. UN Number**                      No information from Material Safety Data Sheet Supplier

**14.2. UN proper shipping name**                      No information from Material Safety Data Sheet Supplier

**14.3. Class**

**14.4. Packing group**                      No information from Material Safety Data Sheet Supplier

**14.5. Environmental hazards**                      No information from Material Safety Data Sheet Supplier

**14.6. Special precautions for users**                      No information from Material Safety Data Sheet Supplier

#### **14.7. Transport in bulk (according to annex II of Marpol 73/78 and IBC Code)**

No information from Material Safety Data Sheet Supplier

### 15.0. Regulatory Information

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

With available information not classified as dangerous.

### 16.0. Other Information

The information contained herein is based on the data available to us and believed to be correct; however, Enka de Colombia S.A. makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

JDE Code                    SIN CODIGO  
Denomination            NYLON 6 TECHNICAL YARN, SINGLE TWISTED OR TWISTED AND CORDS WITH UV PROTECTION [www.enka.com.co](http://www.enka.com.co)

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### **Bibliography**

Enka from Colombia S.A. Safety Sheet: Untreated Canvas of Nylon 6 for Tire Reinforcement.