

MATERIAL SAFETY DATA SHEET

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

According to Regulation (EC) No. 1907/2006

Print date: 29/03/2021 08:07:11 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 HEAT RESISTANCE ADDITIVES |
| Synonymous | NYLON 6 TECHNICAL YARN, SINGLE TWISTED OR TWISTED AND CORDS WITH HEAT RESISTANCE 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-(CH₂)₅-NH]_n-H.

CAS Nro. 25038-54-4.

| <i>Component Name</i> | <i>CAS</i> | <i>TWA</i> | <i>STEL</i> | <i>Percentage</i> |
|-------------------------|------------|-----------------------|-------------|-------------------|
| Nylon | 25038-54-4 | | | <= 98.8 % |
| Extractables en metanol | | | | < 1.2% |
| Copper | 7440-50-8 | 0.2 mg/m ³ | | <100 ppm |

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 CO₂.

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 |
|-------------------------|------------|-----------|------|
| Nylon | 25038-54-4 | | |
| Extractables en metanol | | | |
| Copper | 7440-50-8 | 0.2 mg/m3 | |

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/m³/30m.

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 HEAT RESISTANCE AND STRENGTH www.enka.com.co

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Bibliography

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