

SAFETY DATA SHEET

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According to Regulation (EC) No. 1907/2006

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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 of Corporation or Company

1.1. Product Identification

Name	NYLON 6 RESIN
Synonym	NYLON 6 RESIN
JDE Code	NOT APPLICABLE

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

Identified Uses	End product
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1.3. Safety data sheet supplier information

Company	Enka de Colombia S.A
Representative	
	Calle 3 Sur #43 A ±Piso 5
	Medellín Colombia
	Phone:
	Fax: +57 (4) 3195155
	A.A: 5233
	E-mail: ventasymercadeo@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 substance or blend

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

No information from supplier's safety data sheet

2.2. Labeling Items

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

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Hazard pictograms

Warning word

None

Hazard indications

0000 No information from the supplier's safety data sheet

Care advice

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

NFPA Classification System

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

2.3. Other hazards

3.0. Component Composition / Information

3.1. Substance

Formula HO -(CO-(CH₂)₅-NH)_n -H.

CAS No. 25038-54-4

<i>Name of Component</i>	<i>CAS</i>	<i>TWA</i>	<i>STEL</i>	<i>Percentage</i>
Caprolactam	25038-54-4	5mg/m ³		< 1

3.2. Blend Not applicable

4.0. First Aid

4.1. Description of first aid

After inhalation	Breathe fresh air.
After contact with skin	Wash with abundant water. If contact with molten polymer, cool the molten material adhered to the skin as soon as possible with cold water, and look for a physician to remove the polymer adhered.
After contact with eyes	If contact with eyes, wash both eyes immediately with abundant water for at least 15 minutes. See a physician.
After ingestion	Wash mouth with water and see a physician.

4.2. Main symptoms and acute and delayed effects

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ral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m³/30m. Oral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m³/30m. Oral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m³/30m. Oral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m³/30m. 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 and CO₂.

5.2. Specific hazards derived from the substance or blend

Not applicable. Use self-contained air equipment to protect from smoke inhalation. Gases and vapor released by products from decomposition and combustion may be toxic.

5.3. Recommendations for firefighting personnel

Use self-contained air equipment to protect from smoke inhalation. Gases and vapor released by products from decomposition and combustion may be toxic.

6.0. Steps in Case of Accidental Spills

6.1. Personal precautions, protection gear, and emergency procedures

Use respirator for organic vapor, goggles, heavy-duty rubber boots and rubber gloves. Not applicable.

6.2. Environmental precautions

Not applicable

6.3. Methods and materials for containment and cleanup

Pick up in bags for disposal avoiding dust from rising. Ventilate the area and clean the site after collecting all of the materials.

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 movements of stows. The product should be stored in a dry, cool place, protected from sunlight. Ventilation system is required. The floor should be level and firm.

8.0. Exposure Control / Individual Protection**8.1. Control parameters**

Components with limited values that need monitoring in the workplace

Name of Component	CAS	TWA	STEL
Caprolactam	25038-54-4	5mg/m3	

8.2. Exposure controls**Engineering provisions**

Not applicable

Individual protection measures*Eye / Face protection gear*

Goggles

Hand protection gear

Rubber gloves

Respiratory protection

Use respirator for organic vapor

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
Melting point	220.
Melting point / interval	not applicable

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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	

10.0. Stability and Reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

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

Oral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m³/30m.

11.2. Other data

Oral rat. LD 50: 3200 mg/kg, Inhalation mouse LC 50: 11 mg/m³/30m.

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

Can be recycled.

14.0. Information about Transportation

Not classified as hazardous.

14.1. UN Number No information in supplier's safety data sheet

14.2. Official UN transportation designation Not applicable to the United Nations

14.3. Class

14.4. Packing group No information in supplier's safety data sheet

14.5. Environmental hazards Not applicable

14.6. Special precautions for users Not applicable to users

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. Safety, health and environment regulation and legislation specific to the substance or blend

Not classified as hazardous with the information available.

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16.0. Other Information

The information contained in this document is based on data available, 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 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 S.A. Safety Data Sheet: Version 01 - Revised 2000/02/21 per Directive 91/155/EEC