

MATERIAL SAFETY DATA SHEET -FLAT YARNS-

Issue: 01 Revised: 01-05-2000.

According to directive 91/155/EEC.

This document contains important health and safety data.
It must be read before the substance is first used.

1. Preparation and Company.

Commercial product name:

Nylon 6 Technical Yarn, Twisted Yarn and Cord.

Chemical name:

Nylon 6.

Chemical family:

Polyamides.

CAS Number:

25038-54-4.

Note: Each package carries one label with the product identification.

If label is lost or defaced, refer to Enka de Colombia S.A. before using the product.

Supplier name:

Enka de Colombia S.A.

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AA 5233

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2. Composition - Ingredients Information.

Composition:

Polycaprolactam.

Chemistry formulation:

$\text{HO}[\text{CO}(\text{CH}_2)_5\text{NH}]_n\text{H}$.

Hazardous ingredients:

Substance name % Hazardous property TLV.

Copper 0.008 N.A.

3. Hazards.

Physical hazards:

Not Hazardous.

4. First-Aid Measures.

By contact with melt polymer:

If burns are caused, cool melt material adhered to skin as soon as possible with cool water and consult a physician to remove stuck.

5. Fire-Fighting Measures.

Suitable extinguishing media:

Water, dry chemical dust and CO₂.

Special exposure hazards:

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. Accidental Spill/Leak Measures.

Collect in bags, avoiding dust.

7. Handling & Storage

Stacking:

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. Exposure Controls - Personal Protection

Use goggles/eyeglasses.

9. Physical and Chemical Properties

Specific gravity:

1.13.

Melting point (°C):

220.

Other characteristics:

See specifications.

10. Stability & Reactivity.

It is stable under normal conditions.

11. Toxicological Information.

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

12. Ecological information.

Biodegradability:

It is not biodegradable.

13. Disposal Considerations.

Recyclability:

It is recyclable.

14. Transportation Information.

Not classified as dangerous.

15. Regulatory Information.

With available information not classified as dangerous.

16. Other Information.

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