

SAFETY DATA SHEET -POLYAMIDE RESIN-

Issue 01 Revised 2000/02/21.

ACCORDING TO NORM 91/155/EEC

This document contains important health and safety data.
Read before substance is used for the first time.

1. Substance Identification / Preparation and Company.

Comercial product name: Nylon 6 Resin.

Chemical name: Nylon 6.

Chemical family: Polyamides.

CAS number: 25038-54-4.

Note: Each package carries two label with the product identification.
If label is lost or defaced, refer to Enka de Colombia S.A. before using the product.

2. Composition - Information on Ingredients.

Composition: Polycaprolactam.

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

Ingredients:

Substance name: Caprolactama %: < 1.

Hazardous property TWA: $5\text{mg}/\text{m}^3$.

3. Hazards.

Physical hazards: Not Hazardous.

Health hazards:

In case of overexposure, it may be dangerous by inhalation, ingestion or direct skin contact. It may cause irritation in eyes and skin.

4. First-Aid Measures.

By inhalation:

To breathe fresh air.

By skin contact: Wash with plenty of fresh water.

By eyes contact:

In case contact, immediately flush eyes with plenty of fresh water for at least 15 minutes. Consult a physician.

By ingestion:

Wash mouth with water and consult a physician.

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 CO.

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 Measures.

Use breathing equipment for organic vapors, goggles eyeglasses, rubber boots and gloves for heavy duties.

Collect in waste bags, avoiding dust. Vent and wash the affected area after collecting completely the material.

7. Handling & Storage.

Stacking

Pallets should be to prevent accidental movement.

The product has to be storage in a fresh, dry and sun protected location. It also requires ventilation system. The floor has to be leveled and firm.

8. Exposure Controls - Personal Protection.

Use breathing equipment for organic vapors, goggles eyeglasses, rubber boots and gloves for heavy duties.

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.

Recyclables:

It is recyclable. Disposal must be in accordance with applicable federal, state, or local regulations.

14. Transportation Information.

Not classified as dangerous.

15. Regulatory Information.

With available information not classified as dangerous.

16. 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 obtained from the use thereof.