



Material Safety Data Sheet

Product name	CABLE FLOCK POLYAMIDE 6.6 ECRU
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1. Identification of the substance/mixture and of the company/undertaking

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|--|---|
| 1.1. Product name | CABLE FLOCK POLYAMIDE 6.6 ECRU |
| 1.2. CAS-No. | 32131-17-2 |
| 1.3. Relevant identified uses of the substance or mixture and uses advised against | |
| Identified uses | <ul style="list-style-type: none">- Textile industry- For further information, refer to the product technical data sheet |
| 1.4. Details of the supplier of the safety data sheet | |
| Company | Glory Global CO.,LTD |
| Address | C-208, 10, Nowon-ro 15-gil, Nowon-gu, Seoul, Korea |
| Emergency Phone | +82 2 6223 0862 |

2. Hazards identification

- | | |
|--|--|
| 2.1. Classification of the substance or mixture | Not classified as hazardous product under the regulation above |
| 2.2. GHS Label elements, including precautionary | Not labelled as hazardous product under the above regulation. |
| 2.3. Hazards not otherwise classified (HNOC) or not covered by GHS | The molten product can cause serious burns. |

3. Composition/information on ingredients

- | | |
|---|---|
| 3.1. Substances | Not applicable, this product is a mixture. |
| 3.2. Mixture | |
| Chemical nature | Product based on polyamide 6.6 (CAS: 32131-17-2) contains Process Additives |
| No dangerous ingredients according to Regulation (EC) No. 1907/2006 | |

4. First aid measures

- | | |
|---|---|
| 4.1. Description of first aid measures | |
| General advice | <ul style="list-style-type: none">- Consult a physician. Show this safety data sheet to the doctor in attendance.- Move out of dangerous area. |
| If inhaled | <ul style="list-style-type: none">- Not applicable |
| In case of skin contact | <ul style="list-style-type: none">- Wash off with soap and water. |
| In case of eye contact | <ul style="list-style-type: none">- In case of eye contact- Rinse with water. |
| If swallowed | <ul style="list-style-type: none">- Do NOT induce vomiting.- Rinse mouth with water. |
| 4.2. Most important symptoms and effects, both acute and delayed | - No data available |
| 4.3. Indication of any immediate medical attention and special treatment needed | - No data available |

5. Firefighting measures

- | | |
|---|---|
| 5.1. Extinguishing media | |
| Suitable extinguishing media | <ul style="list-style-type: none">- In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction. |
| Unsuitable extinguishing media | <ul style="list-style-type: none">- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| 5.2. Special hazards arising from the substance or mixture | <ul style="list-style-type: none">- Harmful or toxic vapours are released.- Nitrogen oxides (NOx)- Carbon oxides- Hydrogen cyanide (hydrocyanic acid)- Combustible product, melts on heating.- Risk of fire spreading due to the flow of liquid which is already alight. |
| 5.3. Special protective equipment and precautions for fire fighters | <ul style="list-style-type: none">- Self-contained breathing apparatus (EN 133) |
| 5.4. Further information | <ul style="list-style-type: none">- Cool the molten product. |

6. Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures – No data available
- 6.2. Environmental precautions – No harmful effect to the environment is known or expected under normal conditions of use.
- 6.3. Methods and materials for containment and cleaning
Decontamination/cleaning – Pick up and transfer to properly labelled containers.
- 6.4. Reference to other sections – No data available

7. Handling and storage

- 7.1. Precautions for safe handling – Avoid dust formation.
– Avoid build-up of fibres
– Handle in accordance with good industrial hygiene and safety practice.
– Handle in accordance with good industrial hygiene and safety practice.
- Hygiene measures
- 7.2. Conditions for safe storage, including any incompatibilities
Technical measures/Storage conditions – Keep away from open flames, hot surfaces and sources of ignition.
– Protect from moisture.
– Keep away from: Oxidizing materials.
- Packaging material **Remarks**
– Fibreboard
– Plastic materials.
- 7.3. Specific end use(s) – No data available

8. Exposure controls/personal protection

8.1. Control parameters

Components with workplace occupational exposure limits

Component	Value type	Value	Basis
titanium dioxide	TWA	10 mg/m ³	USA, ACGIH Threshold Limit Values (TLV) Expressed as :Titanium dioxide

Predicted No Effect Concentration (PNEC)

– No data available

8.2. Exposure controls

Appropriate engineering controls

– Apply technical measures to comply with the occupational exposure limits.

Personal protective equipment

a) Respiratory protection

– In case of liberation of fibres or dust
– Respirator with a particle filter (EN 143)

b) Hygiene measures

– Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls

– No harmful effect to the environment is known or expected under normal conditions of use.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Form: Cable
Physical state: solid
Colour: white

Odour

odourless

Odour Threshold

No data available

pH

Not applicable

Melting / freezing point

Melting point/range: 250 – 260 °C

Initial Boiling Point and Boiling Range

No data available

Flash point

> 400 °C closed cup

Evaporation rate

No data available

Flammability (solid, gas)

No data available

Flammability (liquids)

No data available

Flammability/Explosive limit

No data available

Auto-ignition temperature

> 450 °C

Vapour pressure

No data available

Vapour density

No data available

Water solubility

practically insoluble

Solubility in other solvents

common organic solvents : practically insoluble

Density

No data available

Relative density

No data available

Partition coefficient: n-octanol/water

No data available

Decomposition temperature

> 350 °C

Viscosity

No data available

Explosive properties

No data available

Oxidizing properties
9.2. Other safety information

Non oxidizing material according to EC criteria
No data available

10. Stability and reactivity

- 10.1. Reactivity – No data available
- 10.2. Chemical stability – Stable under recommended storage conditions.
- 10.3. Possibility of hazardous reactions – No data available
- 10.4. Conditions to avoid – No data available
- 10.5. Incompatible materials – Strong oxidizing agents
- 10.6. Hazardous decomposition products – On combustion or on thermal decomposition (pyrolysis) releases:
 - Toxic Gas
 - Nitrogen oxides (NO_x)
 - (Carbon oxides (CO + CO₂)).
 - Hydrogen cyanide (hydrocyanic acid)

11. Toxicological information

11.1. Information on toxicological effects

- Acute toxicity Not classified as harmful if swallowed
According to the classification criteria for mixtures.
internal evaluation
- Acute inhalation toxicity No data available
- Acute dermal toxicity No data available
- Acute toxicity (other routes of administration) No data available
- Skin corrosion/irritation Not classified as irritating to skin
According to the classification criteria for mixtures.
internal evaluation
- Serious eye damage/eye irritation Not classified as irritating to skin
According to the classification criteria for mixtures.
internal evaluation
- Respiratory or skin sensitisation Not classified as irritating to skin
According to the classification criteria for mixtures.
internal evaluation
- Germ cell mutagenicity No data available
- 11.2. Carcinogenicity No data available
- 11.3. Toxicity for reproduction and development No data available
 - Toxicity to reproduction/Fertility No data available
 - Developmental Toxicity/Teratogenicity No data available
- 11.4. Specific target organ toxicity – single exposure No data available
- 11.5. Specific target organ toxicity – repeated exposure No data available
Chronic interstitial lung disease has been observed in workers exposed to nylon flock
dusts
Published data
- 11.6. Experience with human exposure No data available
- 11.7. Aspiration toxicity No data available

12. Ecological information

- 12.1. Toxicity
 - Fish – No data available
 - Daphnia and other aquatic invertebrates – No data available
 - Algae/aquatic plants – No data available
 - Bacteria – No data available
- 12.2. Persistence and degradability
 - Biodegradability – Ultimate aerobic biodegradability
– Not biodegradable internal evaluation
- 12.3. Bioaccumulative potential – No data available
- 12.4. Mobility in soil
 - Adsorption potential (K_{oc}) – No data available
 - Known distribution to environmental compartments Ultimate destination of the product : Soil
Ultimate destination of the product : Sediment
- 12.5. Results of PBT and vPvB assessment – No data available
- 12.6 Other adverse effects
 - Short-term (acute) aquatic hazard Due to its physical state
The product does not have any known adverse effects on the aquatic organisms tested
internal evaluation

13. Disposal considerations

13.1 Waste treatment methods

Product

- Recycle the material as far as possible.
- If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging

- Dispose of in accordance with local regulations.

14. Transport information

- 14.1. ADN/ADNR - Not regulated
- 14.2. ADR - Not regulated
- 14.3. RID - Not regulated
- 14.4. IMDG - Not regulated
- 14.5. IATA - Not regulated

15. Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture According to our knowledge, no specific regulatory information.
- 15.2. Chemical safety assessment No data available

16. Other information

- 16.1. Further information - Always work safely around open hatches on bulk tanks. The low density makes flotation difficult for immersed person.

