

Safety Data Sheet (SDS)

Prepared in accordance with the Globally Harmonized System (GHS)

Durafil Tex 40 Heat Fusible Blind Hem Yarn
Low Melting Polyamide Functional Yarn

1. Identification

Product Name: Durafil Tex 40 Heat Fusible Blind Hem Yarn

Material: Low Melting Polyamide Yarn

Yarn Count: Tex 40

Intended Use: Blind hem reinforcement, internal garment stabilisation,
heat-activated bonding applications in textiles

Supplier: Durafil

Emergency Contact: info@durafil-group.com

2. Hazard Identification

GHS Classification: Not classified as hazardous under normal industrial use.

Signal Word: Not required

Hazard Statements: Not required

Precautionary Statements: Not required

This product is a solid textile yarn article and does not present significant hazard under normal handling conditions.

3. Composition / Information on Ingredients

Low Melting Polyamide polymer yarn.

May contain standard textile processing finishes / lubricants in low quantities.

No hazardous additives intentionally added under normal commercial specification.

4. First Aid Measures

Inhalation:

Not expected to present inhalation hazard. If dust or fumes from overheating are inhaled, move to fresh air.

Skin Contact:

No known hazard under normal contact. Wash with soap and water if required.

Eye Contact:

If fragments or dust enter eyes, rinse with clean water.

Ingestion:

Not intended for ingestion. Rinse mouth with water.

Medical Attention:

No specific treatment normally required under standard handling conditions.

5. Fire-Fighting Measures

Suitable Extinguishing Media:

Water spray, foam, dry chemical, carbon dioxide.

Specific Hazards:

Combustible polymer material. Thermal decomposition may produce smoke, carbon monoxide, carbon dioxide, and nitrogen-containing fumes.

Protective Equipment:

Standard fire-fighting protective equipment.

6. Accidental Release Measures

No special emergency measures normally required.

Collect mechanically.

Avoid creating dust or slipping hazard from loose yarn packages.

Dispose according to local regulations.

7. Handling and Storage

Handling

- Avoid unnecessary exposure to open flame or direct heat sources
- Avoid overheating beyond intended processing range
- Avoid contact with hot surfaces after activation
- Maintain clean machine paths during sewing use

Storage

- Store in cool, dry conditions
- Recommended storage temperature: below 30°C where practical
- Protect from direct sunlight
- Keep in original packaging until use
- Avoid compression or deformation of packages during storage

8. Exposure Controls / Personal Protection

No occupational exposure limits established for normal yarn handling.

Engineering Controls

Normal industrial ventilation sufficient.

Personal Protective Equipment

Not required under normal use.

If overheating or thermal processing fumes are generated:

- Ensure ventilation
- Safety glasses recommended where fibre fragments are present

9. Physical and Chemical Properties

Property	Description
Physical State	Solid yarn
Colour	Natural
Odour	Mild / none
Melting Point	Approx. 85°C
Solubility	Insoluble in water

Explosive Properties	None
Oxidizing Properties	None

10. Stability and Reactivity

Stability: Stable under recommended storage conditions.

Conditions to Avoid:

- Excessive heat
- Open flame
- Prolonged UV exposure
- Temperatures above intended process range

Hazardous Decomposition Products: Carbon oxides, nitrogen-containing fumes when burned.

11. Toxicological Information

No known toxicological hazards under normal industrial use.

Not classified as carcinogenic, mutagenic, or toxic to reproduction based on normal polymer article use.

12. Ecological Information

Not classified as environmentally hazardous under normal use.

Dispose responsibly in accordance with local waste regulations.

Avoid uncontrolled disposal of textile waste.

13. Disposal Considerations

Dispose in accordance with local regulations.

May generally be treated as non-hazardous industrial textile waste, subject to local requirements.

14. Transport Information

Not classified as dangerous goods under:

- ADR
- IMDG
- IATA
- ICAO

No special transport requirements under normal packaged shipment.

15. Regulatory Information

Not classified as hazardous under GHS for normal industrial handling.

No special hazard labeling normally required.

16. Other Information

This information is provided based on current knowledge and believed to be accurate.

Users are responsible for ensuring safe handling, process suitability, and compliance with applicable local regulations.