

	<b>Material Safety Data Sheet</b>
Date: 21.11.2022	Polyamide PA6 SB Blue Monofilaments

### 1. Identification of Product / Company

<b>Product</b>	Polyamide PA6 SB Blue Monofilaments
<b>Physical nature</b>	Synthetic, unsterile, non-absorbable blue monofilament continuous thread, different dtex

### 2. Hazards identification

The product has not been associated with negative effects on humans and environment if used in accordance with good industrial hygiene practice and any legal requirements

### 3. Composition / Information on ingredients

Components	Weight	CAS No.	CI No.	Formula
Polyamide 6	≥ 99,5 %	25038-54-4	/	(C <sub>6</sub> H <sub>11</sub> NO) <sub>n</sub>
Solvent Blue 104	≤ 0,5 %	116-75-6	61568	C <sub>32</sub> H <sub>30</sub> N <sub>2</sub> O <sub>2</sub>

The exact percentage (concentration) of the components has been classified as a trade secret

### 4. First aid measures

<b>Inhalation</b>	In case of fire, the molten product may cause vapours or decomposition products Move to fresh air
<b>Skin contact</b>	In case of fire, the molten product may cause burns. Rinse with plenty of water Do not attempt to remove clothes (danger of adherence to the skin). Call for a physician
<b>Eye contact</b>	In case of fire, the molten product may cause vapours or decomposition products Move to fresh air
<b>Ingestion</b>	Not specifically concerned
<b>Symptoms or effects</b>	No symptoms known currently
<b>Immediate medical care</b>	Treat symptomatically

### 5. Fire Fighting measures

<b>Suitable extinguishing media</b>	All usual extinguishing media may be used
<b>Unsuitable extinguishing media</b>	High volume water jet Carbon dioxide (CO <sub>2</sub> )
<b>Special protective equipment for firefighters</b>	Use a mask with universal filter Use self-contained breathing apparatus within confined rooms

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#### 6. Accidental release measures

<b>Accidental dispersion/spill</b>	Collect the product for re-use or disposal No safety risks or risks to the environment
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#### 7. Handling and storage

<b>Storage conditions</b>	The product should be stored protected from UV light and dust at normal room temperature and humidity. We consider room temperature at about 18-23 degrees Celsius The humidity should be between 40-60%
<b>Packaging condition</b>	Each reel is individually inserted in a Polyethylene (PE) pouch The secondary packaging provides protection of the packaged individual units inside a box The transportation cartons are filled up with packaging material to prevent damage of the reels (movement, shocks, tumbles, impacts, etc.)

#### 8. Exposure controls / Personal protection

No special risks if used in accordance with good industrial hygiene practice and any legal requirements

#### 9. Physical and chemical properties

<b>Appearance</b>	Thread on reel
<b>Colour</b>	Blue
<b>Odour</b>	Odourless
<b>Melting point/Melting range</b>	190 - 240 °C
<b>Explosion Limits</b>	Not explosive
<b>Thermal decomposition</b>	Starts at about 300 °C
<b>Water solubility</b>	Insoluble (20 °C)

#### 10. Stability and reactivity

<b>Reactivity</b>	Stable under normal storage conditions (see point 7)
<b>Chemical stability</b>	Stable under normal storage conditions (see point 7)
<b>Conditions to avoid</b>	None

#### 11. Toxicological information

The product is not classified as hazardous to human health if used in accordance with good industrial hygiene practice and any legal requirements

#### 12. Ecological information

The product is not associated with ecological problems if the wastes is disposed in a controlled manner

Not readily biodegradable

Avoid release to the environment

#### 13. Disposal considerations

Can be disposed of as solid waste, if not contaminated, or incinerated in suitable installations, subject to local regulations. Packaging is made from cardboard products and foils, which may be reused, recycled or disposed of according to local regulations

#### 14. Transport information

The product is not restricted by ADR/RID, IMDG or IATA

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### 15. Regulatory information

The product is not a Medical Device according to Directive 93/42/EEC of 14 June 1993

### 16. Other information

This Material Safety Data Sheet is intended to inform about safety aspects, toxicological data and ecological characteristics that are relevant for the use of the product, and to recommend procedures for their handling, storage and transport. This Material Safety Data Sheet is a complement to the respective Technical Data Sheet but does not replace it. The information given is to the best of our knowledge at the date of issue. It does not constitute a contractual description of product properties. It is not meant to be handed out to private end-users.

The Material Safety Data Sheet does not disengage the user of his duty to know and to apply any law and regulation that may be relevant.

The information relates only to the product and may not be valid when the product is used in combination with any other materials.

Additional information may be requested at \_\_\_\_\_ if special applications of the product are intended.