

	Material Safety Data Sheet
Date: 21.04.2021	Polyvinylidene Fluoride SB Blue Monofilaments

1. Identification of Product / Company

Product	Polyvinylidene Fluoride SB Blue Monofilaments
Physical nature	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
Polyvinylidene Fluoride	≥ 99,5 %	24973-79-9	/	C ₂ H ₂ F ₂
Solvent Blue 104	≤ 0,5 %	116-75-6	61568	C ₃₂ H ₃₀ N ₂ O ₂

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

4. First aid measures

Inhalation	In case of fire, the molten product may cause vapours or decomposition products Move to fresh air
Skin contact	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
Eye contact	In case of fire, the molten product may cause vapours or decomposition products Move to fresh air
Ingestion	Not specifically concerned
Symptoms or effects	No symptoms known currently
Immediate medical care	Treat symptomatically

5. Fire Fighting measures

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

6. Accidental release measures

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

Storage conditions	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%
Packaging condition	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

Appearance	Thread on reel
Colour	Blue
Odour	Odourless
Melting point/Melting range	140 - 200 °C
Explosion Limits	Not explosive
Thermal decomposition	Starts at about 300 °C
Water solubility	Insoluble (20 °C)

10. Stability and reactivity

Reactivity	Stable under normal storage conditions (see point 7)
Chemical stability	Stable under normal storage conditions (see point 7)
Conditions to avoid	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

15. Regulatory information

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

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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.