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MATERIAL SAFETY DATA SHEET

Polyester Fiber P190

1. **CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

PRODUCT NAME:	P190 NegaStat®, a registered trademark of Barnet
OTHER / GENERIC NAMES:	A bicomponent sheath core fibers with carbon black in the core with a polyester sheath (P190)
PRODUCT USE:	Industrial fabrics and other textile applications where static protection is desired. Generally used in combination with other fibers, yarns, etc.
MANUFACTURER:	William Barnet & Son, LLC 1300 Hayne Street / P. O. Box 131 Arcadia, SC 29320 USA
FOR MORE INFORMATION CALL:	Monday – Friday, 8 a.m. – 5 p.m. Phone: 864-576-7154 Technical Service Manager

2. **COMPOSITION INFORMATION on INGREDIENTS**

<u>INGREDIENT NAME</u>	<u>CAS NUMBER</u>
Polyethylene Terephthalate	25038-59-9
Titanium Dioxide	13463-67-7
Carbon Black Trade Secret	---
Linear Polyethylene	9002-88-4

3. **HAZARD IDENTIFICATION**

POTENTIAL HEALTH HAZARD	Non toxic. Except for mechanical irritation of skin and eyes, no adverse health effects are expected. There are no known health hazards associated with this product, as defined in the code of Federal Regulations, Title 29, Part 1910, 1200. The polymer immobilizes the constituents of the polymer system (delusterants, catalyst residues, etc.) which, therefore, presents no likelihood of exposure under normal conditions of processing and handling.
CARCINOGENICITY INFORMATION	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen

4. **FIRST AID MEASURES**

- INHALATION	If processing vapor occurs and irritation develops, remove person to fresh air. If discomfort persists, seek medical attention.
- SKIN CONTACT	If irritation develops, wash affected area with soap and water. If discomfort continues, obtain medical attention.
- EYE CONTACT	If irritation develops, immediately flush eyes with running water. If discomfort continues, obtain medical attention.
- INGESTION	Not a probable route to exposure. Consult a physician if necessary.

5. **FIRE FIGHTING MEASURES**

FLAMMABLE PROPERTIES	Polyester will burn if exposed to flame. Hazardous gases / vapors produced in fire can include formaldehyde, ethanol, methanol, acetic acid, and acetone. Decomposition products generated from molten polymer may be subject to auto ignition.
EXTINGUISHING MEDIA	Use media appropriate for combustibles in the area.
FIRE FIGHTING INSTRUCTIONS	Wear self contained breathing apparatus. NIOSH standards. Wear full protective clothing.

6. **ACCIDENTIAL RELEASE MEASURES**

Spill Clean Up This product is not classified as hazardous wastes under the Resource Conservation and Recovery Act, and, unless prohibited by state or local regulation, can be disposed of in a municipal landfill or incinerated. This fiber is not classified by the Department of Transportation as a hazardous material.

7. **HANDLING and STORAGE**

Normal Handling: No special handling requirements.
Storage: No special storage requirements.

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering Controls Use sufficient ventilation during processing to remove any dust, mists, or vapors, which may be generated.

PERSONAL PROTECTIVE EQUIPMENT

- **SKIN PROTECTION:** Protect against potential physical hazards such as contact with yarn moving at high speed, etc.
- **EYE PROTECTION:** Safety glasses are recommended during processing.
- **RESPIRATORY PROTECTION:** None normally required.
- **ADDITIONAL RECOMMENDATIONS:** None required.

EXPOSURE GUIDELINES Polyester Fiber P190
PEL (OSHA): None established
TLV (ACGIH): None established
Dust should be considered a nuisance dust:
ACGIH-TLV: 10 mg/m³ total dust
OSHA-PEL: 15 mg/m³ total dust;
5 mg/m³ respirable dust

OTHER Polyester fibers are coated with minor quantities of finish oils. Textile processes may volatilize portions of these finishes and produce visible misting in the workplace. Ventilation is recommended to minimize exposure to such finish mists which should not exceed a concentration of 5 mg/m³ (ACGIH TLV) for mineral oil.

9. **PHYSICAL and CHEMICAL PROPERTIES**

COLOR: Black
FORM: Solid
ODOR: None
MELTING POINT: 215-275° C
SOLUBILITY IN WATER: Insoluble

10. **STABILITY and REACTIVITY**

CHEMICAL STABILITY:	Stable
INCOMPATIBILITY WITH OTHER MATERIALS:	None reasonably foreseeable
HAZARDOUS DECOMPOSITION:	Decomposition does not occur under normal use conditions. [See Section 5 – flammable properties]
HAZARDOUS POLYMERIZATION:	Will not occur

11. **DISPOSAL CONSIDERATIONS**

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State, Provincial, and Local regulations for non hazardous waste.

Incinerate or landfill in accordance with Federal, State / Provincial, or local laws and ordinances.

12. **TRANSPORTATION INFORMATION**

SHIPPING INFORMATION: U.S. DOT Hazard Class: not regulated US DOT ID #; not restricted.

13. **REGULATORY INFORMATION**

U.S. FEDERAL REGULATIONS

TSCA INVENTORY STATUS: In compliance with TSCA inventory requirements for commercial purposes.

TITLE III HAZARD CLASSIFICATION SECTIONS 311, 312

- Acute: No

- Chronic: No
- Fire: No
- Reactivity: No
- Pressure: No

HAZARDOUS CHEMICAL LISTS

- SARA Extremely Hazardous Substance: No
- CERCLA Hazardous Substance: No
- SARA Toxic Chemical: No

CANADIAN REGULATIONS: This is not a WHMIS controlled product.

14. **OTHER INFORMATION**

MEDICAL USE: Do not use in medical applications involving implantation in the human body.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

To the best of our knowledge, the information contained herein is accurate. However, neither William Barnet & Son, LLC or any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

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