



# STEIN FIBERS, LTD.

*Specialists in Synthetic Fibers*

## Safety Data Sheet

### I. Product and Company Identification

<b>Style Number:</b>	<b>151-00638IFA</b>
<b>Description:</b>	6D 38MM BLACK SOLID DRY POLYESTER FIBER
<b>Recommended use</b>	PET (polyethylene terephthalate) Staple Fibers are typically used in the formation of textiles.
<b>Company Information:</b>	Stein Fibers, LTD 5710 Old Concord Road Charlotte, NC 28213
<b>Emergency Contact:</b>	Phone: 704-599-2804
<b>General Information:</b>	Fax: 704-599-2805 Email:
<b>Date:</b>	1/4/2016

### II. Hazards Identification

<b>Eye contact:</b>	Not expected to be eye irritant
<b>Skin Contact:</b>	Not expected to irritate the skin
<b>Inhalation:</b>	Vapors should not be present in normal condition
<b>Ingestion:</b>	No Data
<b>Skin Absorption:</b>	No hazards expected
<b>Physical Hazards:</b>	None
<b>Environmental Hazards:</b>	Not Determined
<b>Potential Environmental Effects:</b>	Not Determined

### III. Composition/Information on Ingredients

<b>Chemical Name</b>	Polyethylene Terephthalate(PET)
<b>Common Name</b>	Polyester
<b>CAS Number</b>	25038-59-9
<b>Impurities and Stabilizing Additives</b>	PET staple fiber consist of the polymer and a small amount of surface finishes(organic lubricants)

There are no known physical or health hazards associated with this product.

The polymer immobilizes the constituents of the polymer system (delusterants, catalyst residues, etc.) which, therefore, present no likelihood of exposure under normal conditions of processing and handling.

However, exposure to chemical substances may occur as a result of processing these fibers. Processing may release the residual moisture and surface finishes. Excessive heating of the fibers may volatilize the finishes or produce chemical vapors.

#### IV. First aid Measures

<b>Eye:</b>	Rinse with copious amounts of water. Irritation may occur, Seek medical attention if needed
<b>Skin:</b>	Wash affected area with soap and water; Irritation or rash may develop. Seek medical attention if needed.
<b>Ingestion:</b>	Do not induce vomiting. Seek medical attention.

#### V. Fire Fighting Measures

<b>Flash Point:</b>	Not Determined. Products melt at 250-260C
<b>Extinguishing Media:</b>	Water, Carbon Dioxide, water- spray
<b>Specific Hazards</b>	Molten Polymer will tend to adhere to surfaces until cooled
<b>Equipment and Instructions:</b>	Wear full protective clothing, including self-contained, positive pressure or pressure demand breathing apparatus

#### VI. Accidental Release Measures.

<b>Personal Precautions:</b>	Avoid excessive contact with material.
<b>Environmental Precautions:</b>	Avoid discharge into natural waterways; Prevent product from entering the drains and sewers.
<b>Method/Materials for Containment/Clean up</b>	Clean up method is to sweep and collect the material using a broom and shovel, Material can be loaded into a box or bag for containment. This product is not classified as hazardous waste, unless prohibited by state or local regulations, it can be disposed in municipal landfills.

#### VII. Handling and Storage

<b>Handling:</b>	Use industry standards for handling product, no special precautions required.
<b>Storage:</b>	Store in Dry areas away from sources of ignition.

#### VIII. Exposure Controls/Personal Protective Equipment

<b>Exposure Limits:</b>	None established.
<b>Eye Protection:</b>	Not normally required but good safety practices should be followed.
<b>Skin Protection:</b>	Not normally required but good safety practices should be followed.
<b>Respiratory Protection:</b>	Not normally required if good ventilation is maintained.
<b>Additional Protective Measures:</b>	Wash hands after handling the material.

#### IX. Physical and Chemical Properties

<b>Appearance:</b>	Fibrous material of various colors
<b>Odor</b>	No specific odor
<b>Melting Point:</b>	250-260C
<b>Boiling Point</b>	>350C
<b>Specific Gravity:</b>	1.38 g/cm <sup>3</sup>
<b>Solubility in water:</b>	no

#### X. Chemical Stability & Reactivity

<b>Stability:</b>	Stable under normal circumstances
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**Conditions to Avoid:** Sources of ignition.  
**Materials to Avoid:** Strong oxidizing/reducing agents

**XI. Toxicological information**

**Toxicology Information** Polyester fiber is non toxic

**XII. Ecological information**

**Toxicity Information** No data available,

**XIII. Disposal Considerations**

**Disposal** According to the resource conservation and recovery act(RCRA) this product is not considered a hazardous material. Disposal of this non hazardous material should be in accordance with local, state, and federal regulations.

**Additional Disposal information** The information offered in this section is for the product as shipped. Use of and changes to this material may significantly alter the characteristics of the product and its classification under the RCRA. In this case different disposal methods may be

**XIV. Transport Information**

UN Number/Classification Not classified  
 UN Proper Shipping Name: Not applicable  
 US DOT Hazard Class: Not regulated  
 US DOT ID Number: Not applicable  
 IMDG Not regulated

**XV. Transport Information**

US Federal regulations  
 Toxic Substances Control Act(TSCA) Inventory status PET is listed as an "article" on the TSCA Inventory list  
 Hazardous Chemical lists  
 SARA Extremely Hazardous Substance: No  
 CERCLA Hazardous Substance: No  
 SARA Toxic Chemical: No

**XVI. Other Information**

To the best of our knowledge, the information contained herein is considered to be reliable. It is subject to revision as additional knowledge and experience is gained. Neither Stein Fibers Ltd. 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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