

# SAFETY DATA SHEET

Revision No 2  
Date 14/03/2016

Product type: **POLYESTER SPUNBOND**

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**TRADE NAME:**  
**PRODUCT CODE:** Mono-PET Polyester products of Pointbond or Flatbond (including round and TCS filament types)

## SECTION 01: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

**EMERGENCY PHONE NUMBER:** As above  
**MATERIAL USE:** Please refer to technical literature

## SECTION 02: HAZARDS IDENTIFICATION

No hazardous product under normal conditions.  
Accidental thermal decomposition or melting state can present hazards.

## SECTION 03: COMPOSITION / INFORMATION on HAZARDOUS INGREDIENTS

**Nonwoven:** Spunlaid web forming and thermosbond web bonding process  
**Nature of fiber:** Minimum 99% polyester (Polyethylene terephthalate Cas No: 25038-59-9)  
**Web surface treatment:** None  
**Binder:** No  
**Additives:** Maximum 0.5% TiO<sub>2</sub>  
**Other major components:** No  
**Chemicals:** No

## SECTION 04: FIRST AID MEASURES

**Inhalation:** **under normal conditions;** Dust may produce mechanical irritation to the mucous membranes of the tract.  
**Carcinogenicity-ntp:** No.  
**Carcinogenicity-iarc:** No.  
**Carcinogenicity-osha:** No.  
**Skin contact:** No specific measure to be taken.  
**Eyes contact:** No specific measure to be taken.  
**Ingestion:** No specific measure to be taken.

## SECTION 05: FIRE AND EXPLOSION HAZARD AND FIRE FIGHTING MEASURES

**FLAMMABILITY:** Not easily flammable. (can flame higher than 508<sup>0</sup>C)  
**Suitable extinguishing media:** Use water spray, dry chemical, foam, CO<sub>2</sub>  
**Extinguishing-media not to be used:** No.  
**Special exposure hazard:** Large/fires in confined areas; use niosh/msha approved self contained breathing apparatus. Use water, fog, spray to cool exposed equipment & containers.

## SECTION 06: ACCIDENTAL RELEASE MEASURES

Not applicable.

## SECTION 07: HANDLING AND STORAGE

Normal requirements.

## SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

No specific measures.

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White

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<b>Odor:</b>	No specific odor
<b>Ph:</b>	Not applicable
<b>Boiling point:</b>	Not applicable
<b>Melting point:</b>	Approx. 240-260 <sup>0</sup> C (PET)
<b>Decomposition temperature:</b>	Greater than 350 <sup>0</sup> C
<b>Flash point:</b>	Not applicable
<b>Flammability:</b>	Not easily flammable
<b>Auto flammability:</b>	Auto ignition temperature: >508 <sup>0</sup> C
<b>Explosive properties:</b>	Not applicable
<b>Oxidizing properties:</b>	Not applicable
<b>Vapor pressure:</b>	Not applicable
<b>Relative density:</b>	Not applicable
<b>Solubility in water:</b>	Insoluble
<b>Solubility in fats:</b>	Insoluble

**SECTION 10: STABILITY AND REACTIVITY**

Conditions to avoid;

Under thermal decomposition conditions flammable and toxic fumes can be generated.

Above 300<sup>0</sup>C may be released: toxic and flammable gases, carbon monoxide. The generation of cleavage and oxidation products is subject to fire conditions. Not burned residues and contaminated water after firefighting should be disposed of in compliance with official regulations.

**SECTION 11: TOXICOLOGICAL INFORMATION**

No toxic reaction known under normal conditions.

**Note:** Under decomposition conditions, toxic fumes and contaminated water is expectable.

**SECTION 12: ECOLOGICAL CONSIDERATIONS**

For transportation, storage and regular use, no toxicological effect known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

As nonhazardous solid waste, nonwovens can be disposed of, depending on local legislation, through;

**Recycling:** Yes

**Incineration:** Otherwise manage in a rcra permitted waste management facility. Dispose of in accordance with local, state & federal regulations.

**Landfill:** Yes

**SECTION 14: TRANSPORT INFORMATION**

No specific request.

**SECTION 15: REGULATORY INFORMATION**

None.

**SECTION 16: OTHER INFORMATION**

The above mentioned data are based on our best information and do not represent any characteristic guarantee. It is in the responsibility of the user of our products to observe the existing laws and regulations. The user has the responsibility to use the last revised issue.