

**1. IDENTIFICATION OF THE SUBSTANCE, MIXTURE, AND OF THE COMPANY**

**Trade name:** Polyester technical yarn types HMLS, HT and LS adhesion activated and non activated

**Product use:** Polyester technical yarn is determined for further industrial processing to rubber industry products, coated fabrics and geotextiles.

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**2. HAZARDS IDENTIFICATION:**

Product is according to a EP and Board (ES) no. 1272/2008 classified as NOT dangerous.

**3. COMPOSITION / INFORMATION ON INGREDIENTS:**

**Characteristic:** polyester technical yarn is produced from polyethylene terephthalate (CAS 25038-59-9) with content of spin finish max.1,2% of weight.

**4. FIRST AID MEASURES**

**Inhalation:** -

**Contact with skin:** wash affected areawith soap, ošetriť regeneračným krémom

**Irritation of eyes :** flush eyes with running water, if discomfort continues seek medical attention.

**Ingestion:** -

**For all serious signs of health damage, seek medical advice and provide this safety data sheet.**

## 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Hand fire extinguishers, dry powder, water spray jet, heavy and light foam

**Unsuitable extinguishing media:** -

**Special protective equipment:** If fire fighting in confined premises use autonomous respirators.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal protective measures, protection equipment, emergency procedures:** -

**Environmental safety measures:** -

**Cleaning process:** -

**Link to other sections:** See section 13 for disposal process.

## 7. HANDLING AND STORAGE

**Safety measures for safe handling:**

Solid pollutants are formed during product processing - oligomers, which are necessary to exhaust, and clean the air before releasing to outer air, for example with filtering device

Do not allow nearby sources of ignition – no smoking.

Eliminate electrostatic charge.

**Conditions for safe storing:**

Store in dry premises.

**Specific final use:**

In addition to the uses listed in Chapter 1, no other use is expected.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure limits:** -

**Control parameters:** -

**Exposure control:** -

**Technical measures:** Ensure exhaustion from the work environment. Keep the effects of electrostatic charge in mind.

**Individual protection measures:** -

**Respiratory protection:** -

**Hand protection:** -

**Eye protection:** -

**Skin protection:** Prevent potential physical hazards, as contact with fiber moving at high speed.

The use of personal protection equipment is not required during normal handling of the material, The general protection and hygiene measures and the prevention of skin and eye contact has to be followed.

**Environmental exposure control:** -

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**General information**

<b>Form .</b>	Solid material, fiber
<b>Colour:</b>	White or tinted, raw
<b>Odor:</b>	Odorless
<b>Odor limit:</b>	Irrelevant
<b>pH</b>	Irrelevant
<b>Melting point:</b>	255 – 265°C
<b>Boiling point/ssolidification :</b>	Irrelevant
<b>Flash point:</b>	Not determined
<b>Rate of evaporation:</b>	Irrelevant
<b>Inflammability:</b>	Flammable material in solid state
<b>Auto-ignition temperature:</b>	440°C
<b>Flammability class:</b>	C 3 –easily flammable according STN 73 0823
<b>Class of fire hazard:</b>	4*Kr, De according STN 73 0825
<b>Decomposition temperature:</b>	Starts at 350°C
<b>Lower explosive limit:</b>	Irrelevant
<b>Upper explosive limit:</b>	Irrelevant
<b>Oxidative properties:</b>	No data available
<b>Explosive properties:</b>	No data available
<b>Vapor pressure:</b>	Irrelevant
<b>Relative vapor density:</b>	Irrelevant
<b>Relative density:</b>	1 300 – 1 400kg . m <sup>-3</sup> at 20°C
<b>Solubility in water:</b>	insoluble
<b>Solubility in solvents:</b>	m-krezol, phenol, trichlorbenzene at temperature above 135°C
<b>Calorific value:</b>	22 600kJ . kg <sup>-1</sup>

### 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Unreactiv
<b>Chemical stability:</b>	Stable at normal conditions
<b>Possibility of dangerous reactions:</b>	Unrective
<b>Exothermic reactions with:</b>	No data available
<b>Conditions to avoid:</b>	Strong heating above 350°C, organic solvent
<b>Nekompatibilné materiály:</b>	No data available
<b>Hazardous decomposition products:</b>	Thermal decomposition products may include CO, glycol, aldehydes

**11. TOXICOLOGICAL INFORMATION**

<b>Acute toxicity:</b>	the product is non-toxic, the preparation does not contain risk additives according to the manufacturer's data given in the safety data sheet
<b>Dermal toxicity:</b>	acute dermal irritation - degree of irritation 0

**12. EKOLOGICAL INFORMATION**

<b>Toxicity to aquatic organisms:</b>	Non toxic
<b>Persistence and degradability:</b>	Due to its properties it is difficult to decompose in the environment, water-insoluble
<b>Bioaccumulative potential:</b>	Does not apply
<b>Mobility in the soil:</b>	Does not apply
<b>Results of the assessment PBT and vPvB:</b>	Does not apply
<b>Other adverse effects:</b>	Waste water resulting from its further processing is to be discharged into chemical waste water treatment plants that comply with local approved waste disposal facility regulations.

**13. DISPOSAL CONSIDERATIONS**

<b>Waste treatment methods:</b>	Dispose of as other waste in accordance with local waste management legislation D1 – Disposed to a landfill, D10 – Burning on land
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**14. TRANSPORT INFORMATION**

According to RID and ADR, the polyester fiber is not classified as a dangerous substance.

<b>UN number:</b>	Not assigned
<b>Hazard identification number of substance:</b>	Not classified
<b>Classification code:</b>	Does not apply
<b>ADR/RID/AND:</b>	Does not apply
<b>Safety signs:</b>	Does not apply
<b>IMDG:</b>	Does not apply
<b>IATA:</b>	Does not apply

**15. REGULATORY INFORMATION**

According to EU legislation polyester yarn is not classified as dangerous material. The PET polymer is excluded from the EINECS list.

**Other:**

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and on the establishment of the European, Chemicals Agency amending and supplementing some directives, as amended
- Regulation (EC) No ... of the European Parliament and of the Council No 1272/2008 on Classification, Labeling and packaging of substances and mixtures, amending, supplementing and repealing Directives 67/548 / EEC and 1999/45 / EC an amending Act No. 1907/2006), as amended
- Act of the National Council of the Slovak Republic no. 67/2010 Statute on the conditions for the introduction of chemical substances and chemical mixtures on the market and on the amendment of certain laws (Chemical Act)
- Act of the National Council of the Slovak Republic no. 79/2015 Statute on waste and on the amendment of certain laws, as amended and supplements
- Decree No MHSR no. 3/2010 laying down the details of the general requirements for classification, labeling and packaging of dangerous substances and mixtures
- Decree of the MoE SR no. 371/2015 Statute which implements some of the provisions of the law waste, as amended
- Decree of the MoE SR no. 365/2015 Statute establishing the Waste Catalog as amended and supplements

**16. OTHER INFORMATION****Information sources of the substance:****Related standards**

STN 73 0823 Fire-fighting properties of substance. Flammability degree of building materials.  
STN 73 0825 Fire-fighting properties of substance. Classes of fire hazard storage materials.

**Other caution:**

These details apply to the product as supplied. These statements describe the product with regard to the necessary safety measures - but do not guarantee the final product characteristics. They are based on our current knowledge. The manufacturer does not take responsibility for incorrect use of the product with respect to the above mentioned safety precautions.