

Safety Data Sheet – Polyethylenterephthalat –Strap

in accordance with EG-Regulation 1907/2006 (REACH)

For Mosca PET-strap there is no legal obligation to issue a safety data sheet. In order to provide our customers information's about the PET-strap, these are listed in the following safety data sheet, which has been prepared in accordance with EG-Regulation 1907/2006 (REACH).

1.) Identification of the Substance and of the company

Trade name: PET-strap
Components: Polyethylenterephthalat (PET)
For PET-strap no registration number is specified because it is exempt from the registration requirements of REACH II.
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2.) Hazards Identification

The following hazardous decomposition products can arise due to combustion, oxidation, heating or melting:

- carbon dioxide (CO₂); CAS-No. 124-38-9
- carbon monoxide (CO); CAS-No. 630-08-0
- acetaldehyde (C₂H₄O); CAS-No. 75-07-0

Prevail determined fire conditions are not traces of other toxic substances.

The molten product can cause serious burns. During the packaging process the working area must be made for adequate ventilation. The product is, according to EU-Directive 67/548/EWG and 88/379/EWG not a hazardous substance.

For more information, refer to "clearance certificate welding fumes".

3.) Composition/Information on Ingredients

Polyethylenterephthalat-Copolymer (PET): ca. 98%
further additives ca. 1,5%
dyes: ca. 0,5%

Our product complies with the directive 94/62/EC from the European Parliament from 20.12.94 for packaging and packaging waste and is free of heavy metals, such as lead, cadmium or mercury. A registration under REACH Article II of the ingredients is not necessary.

4.) First aid measures

If, after an involuntary contact (inhalation, eye contact, ingestion, etc.) occur with the product health symptoms to contact a doctor immediately.

5.) Firefighting measures

The product is flammable and burns to remove the ignition source and drain under smoke. Fire extinguishing media, the band fight to own are dry powder, water fog, water, carbon dioxide (CO₂), etc.

The products of combustion or resulting combustion gases are toxic. It is to pay attention to the substances already mentioned in paragraph 2. It is also recommended self-contained breathing apparatus to wear when fighting fires. Furthermore, it is advisable to make advance fire prevention measures.

6.) Accidental release measures

If the product inadvertently released, it can be removed mechanically. Record and appropriate in containers for disposal.

7.) Handling and storage

Regarding the handling no special recommendations required. The product should be stored away from ignition sources and hot surfaces. It should also protect against environmental factors (UV-light, rain, etc.).

8.) Exposure controls / personal protection

No exposure limit. It is recommended to hand injuries by applicable employee protection and work safety regulations.

9.) Physical and chemical properties

Molecular shape (PET): $(C_{10}H_8O_4)_n$
 Appearance: Strap with wide up to 16mm and thickness up to 1 mm
 color: usually green (or all colors)
 Smell : scentless
 Melting range: 235 – 260°C
 Flammability: flammable
 Auto-flammability: about 420°C
 Relative density: about 1,34 kg/L
 solubility: insoluble in oil and water
 CAS-No.(PET): 25038-59-9
 Type of polymer: thermoplastic

10.) Stability and reactivity

The PP-strap is a chemically non-reactive and inert solid. Hazardous substances, which can occur during the welding of the product are listed in paragraph 2. For more information, refer to "clearance certificate welding fumes".

11.) Toxicological information

The PET-strap is not toxic. Hazardous substances, which can occur during the welding of the product are listed in paragraph 2. For more information, refer to "clearance certificate welding fumes".

12.) Ecological information

The product is environmentally neutral and not degradable. It is classified as not hazardous according to the catalog of water hazardous substances (KBwS).

13.) Disposal considerations

The product can be recycled by melting, stored in landfills or incinerated in approved facilities. In general, the product can be recycled circuit again (waste code number 15 01 02).

14.) Transport information

No dangerous good in sense of transport regulation (ADR, RID, ADNR, IMDG and IATA).

15.) Regulatory information

The product must not be labeled.

16.) Other information

The information in this safety data sheet describe the safety recommendations for the PP-strap based on the present state of knowledge. Existing laws and regulations must be observed by the recipient's own responsibility. The information you intend to advice on the handling, storage, processing, transport and disposal to give. However, this information cannot be transferred to other products. Should the product be mixed with other products, the information in this safety data sheet are not necessarily valid for the newly created material.

Through this document, no technical production properties are guaranteed.