



Safety Data sheet according to directive (CE) 453/2010

Polysair 100

Page 1 of 5

Reference code: **SCH.SIC-P100**

Revision: 1.0 Date: 09.07.2018

1. Identification of the substance/preparation and the company

Product name:

Polysair 100

Use of the substance/ preparation:

Industrial area:

Chemical fibres industry

Identification:

Cut synthetic monofilament fibres

Supplier:

S.T.P. Società Trasformazione Polimeri S.r.l.

Legal address:

Via Firenze n° 1, 21058 Solbiate Olona (Va), Italy

Factory address:

Viale Kennedy 89/91, 20027 Rescaldina (Mi), Italy

Telephone number:

+39 0331 464920

Emergency telephone number:

+39 0331 464920

2. Hazards identification:

2.1. Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

No need for classification according to GHS criteria for this product

2.2. Label elements

Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

2.3. Other hazards

According to Regulation (EC) No 1272/2008 [CLP]

No specific dangers known, if the regulations/notes for storage and handling are considered.

3. Composition/information on ingredients

Chemical nature of the preparation:

Main substance ($\geq 98\%$):

Polybutylene terephthalate CAS n. 26062-94-2

Other substances ($\leq 2\%$):

Pigments preparations with support: PA



Safety Data sheet according to directive (CE) 453/2010

Polysair 100

Page 2 of 5

Reference code: **SCH.SIC-P100**

Revision: 1.0 Date: 09.07.2018

4. First aid measures

General information:

No particular measures are required

Ingestion:

No hazards which require special first aid measures

5. Fire-fighting measures

Suitable extinguish media:

Water, Foam, Carbon dioxide (Co2), dry powder

Special protective equipment for fire-fighters:

Wear self-contained breathing apparatus and protective suit

6. Accidental release measures

In case of fall of monofilaments on ground, clean the zone to avoid slipping

7. Handling and storage

Technical measures:

None

Precautions:

General precaution for all plastics and elastomers

Provide exhaust ventilation at places where dust and volatiles can be generated

Take necessary action to avoid static electricity discharge

Storage conditions:

Keep in dry environment

Protect from direct sun rays

Incompatible products:

None



Safety Data sheet according to directive (CE) 453/2010

Polysair 100

Page 3 of 5

Reference code: **SCH.SIC-P100**

Revision: 1.0 Date: 09.07.2018

8. Exposure controls/ personal protection

Individual protection:

Respiratory protection

In case of dusts/fumes/aerosol formation, use appropriate certified respirators

Hands protection:

Not required

Eye protection:

Not required

Hygiene measures

No special precautions required

9. Physical and chemical properties

Appearance :	Solid monofilament
Colour:	Various
Odour:	None
Ph:	Not applicable
Melting point:	225 - 230 °C
Flash point:	No data available
Autoignition temperature:	440°C
Decomposition temperature :	approx. 340 °C
Relative density:	From 1.3g/cm³ to 1.5 g/cm³
Water solubility:	Insoluble

10. Stability and reactivity

Stability:

The material is chemically not reactive.



Safety Data sheet according to directive (CE) 453/2010

Polysair 100

Page 4 of 5

Reference code: **SCH.SIC-P100**

Revision: 1.0 Date: 09.07.2018

Conditions to avoid:

Avoid keeping the material in proximity of melting temperature for excessive periods.

Material to avoid:

Strong acids and oxidizing agents

Hazardous decomposition products:

Carbon monoxide, tetrahydrofuran

11.Toxicological information

Acute toxicity:

No data available

Local effects:

No data available

12.Ecological information

Persistence / degradability:

No data available

Ecotoxicity:

No data available

13.Disposal considerations

Waste from residues/ unused products:

The product can be recycled, if possible by disposal or incineration

14.Transport information

Restrictions:

No restrictions for transport by land/ air/ship



Safety Data sheet according to directive (CE) 453/2010

Polysair 100

Page 5 of 5

Reference code: **SCH.SIC-P100**

Revision: 1.0 Date: 09.07.2018

15.Regulatory information

According to EEC directives, the product does not need to be labelled

16.Other information

The information contained herein is based on the present state of our knowledge and does not therefore guarantee specific properties.

This Health and Safety Data Sheet has been drawn up according to the (CE) 453/2010.
