

PRODUCT HANDLING INFORMATION SHEET**1 Substance / preparation and company name POLYCASA® PS**Company:

Polycasa s.r.o., Obecnicka 520, 261 01 Pribram, Czech Republic
Tel.: +420 318 49 39 11

Emergency information:

Tel.: +420 318 49 39 35

2 Composition / information on ingredients**Chemical nature:**

Polystyrol – Polymer	CAS-No. 9003-53-6	EG-No. 500-008-9	
Styrol	CAS-No. 100-42-5	EG-No. 202-851-5	R20, R36/38

contains: possibly stabilizing agents, pigments and dyes (<2%)

Hazardous ingredients

none

3 Possible hazards

no obligation to label in accordance to EU directive 1999/45/EG – VO (EG) 1272/2008

4 First aid measuresIf inhaled:

On inhalation of decomposition products:

keep patient calm, remove to fresh air, summon medical help

On skin contact:

areas affected by molten material should be quickly placed under cold running water and summon medical help

Note to physician:

on inhalation of decomposition products: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5 Fire fighting measures

Suitable extinguishing media:

water, dry extinguishing media, foam, carbone dioxide

Further information:

Special protective equipment: In case of fire, wear a self-contained breathing apparatus. Dispose of fire residues and contaminated extinguishing water in accordance to local regulations.

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Solubility in water insoluble
Solubility in other solvents soluble in organic solvents

10 **Stability and reactivity**

Start of thermal decomposition: at 300°C

Thermal decomposition, burning or faulty handling may diffuse noxious gases and vapours. Thermal decompositions release carbon dioxide, carbon monoxide and steam.

Avoid thermal decomposition, do not overheat.

11 **Toxicological Information**

Acute toxicity: No data available, insoluble in water

Additional information: In our experience and according to information available to us the product is not harmful to health provided it is correctly handled and processed according to the given recommendations.

12 **Ecological information**

Behaviour and environmental effects

Due to the consistency of the product, and its insolubility in water, it will apparently not be bio-available.

13 **Disposal considerations**

The product is qualified for material recycling. After suitable treatment the material can again be melted and processed.

The product can be dumped or incinerated in accordance to local regulations.

Disposal code: EAK-Code: 120 105 (waste from mechanical forming, processing)

EAK-Code: 170 203 (waste-parts, oddments)

14 **Transport information**

Not classified as hazardous under transport regulations.

15 **Regulatory information**

Labelling according to EU Directives

Not subject to labelling

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National legislation / regulations

Not classified according to German "Hazardous Substance" regulations (Germany).

Water hazard class: WGK (0) (Germany)

16 Other information

**All POLYCASA PS styrenic sheets are in compliance with the REACH directive.
The sheets are manufactured from styrenic polymers and exempt from registration.**

R36/37/38

- Irritating to eyes, respiratory system and skin

R43

- May cause sensitization by skin contact

*The information contained herein is based on the present state of our knowledge and therefore does not guarantee certain properties.
Recipients of our product must take responsibility for observing existing laws and regulations.*