EC safety information

Insulation solutions for windows, doors, and facades
EC safety information

1. Product and company name

1.1 Product data
Subject No.: 200000-999900
Designation: Insulating strips

1.2 Data on manufacturer
Supplier: Technoform Bauteck Kunststoffprodukte GmbH
Hannoversche Str. 2, 34134 Kassel, Germany
Phone: +49 561 9583-400
Fax: +49 561 9583-521

2. Composition / Data on constituents

2.1 Chemical properties (individual substance)
PA66
Additional information: In addition to PA66, also contains pigments, fillers, additives, stabilizers and glass fibres.

2.2 Chemical properties (preparation)
Description: Product consists of PA66, glass-fibre reinforced.
Hazardous constituents: None.

3. Potential hazards
None.

4. First-aid measures
Upon contact with skin: Burns caused by molten material require medical care.

5. Fire-fighting measures
Suitable extinguishing agents: Water, foam, dry powder and CO₂.
Unsuitable extinguishing agents for reasons of safety: None.
Possibly released at temperatures in excess of 300 °C: Toxic gases, CO₂. Accompanied by traces of: hydrogen cyanide.
Further information: Formation of further breakdown and oxidation products is dependent on the conditions of the fire.
Special protective equipment: When fighting fires, it is necessary to wear a gas mask with an independent air supply.

6. Measures in case of accidental leakage
No personal or environmental precautionary measures necessary.

7. Handling and storage
Notes on safe handling: No special measures required.
Notes on fire and explosion protection: No special measures required.
Industrial hygiene: No special measures required.
Storage: Store in a dry place to ensure that handling properties are maintained.

8. Exposure limits and personal protective equipment
None.

9. Physical and chemical properties

9.1 Appearance
Shape: Oblong
Colour: Black
Odour: Odourless

9.2 Safety data
Melting point: 250–265 °C
Flash point: 490 °C
Ignition point: 530 °C
Density: 1.25–1.35 g/ccm
Fire-promoting properties: Incineration or overheating.

9.3 Further data
Combustion rate of PA66: 1–2 cm/min

10. Stability and reactivity
Thermal decomposition at > 300 °C.
Hazardous decomposition products: Carbon monoxide, hydrogen cyanide; Depending on fire conditions: Aldehydes, amines, ammonia, ketones, nitriles and traces of nitrogen oxides possible.
Further data: No hazardous reactions observed.

11. Toxicological data
According to our experience and information, the product does not constitute a health hazard when handled and used correctly.

12. Ecological data
No ecotoxic effects; water hazard class (WHC): 0 (generally not a water hazard because water-insoluble, non-toxic solid)
General note: When handled correctly, no environmental risks expected.

13. Notes on disposal
The material in the product can be recycled. The product can be disposed of as household refuse in accordance with local directives or can be fed into a suitable incinerator.

14. Transportation data
Does not constitute a hazard in terms of transportation regulations.

15. Regulations
Not classified by Dangerous Chemicals Ordinance or relevant EC Guidelines.
When handling dust generated during mechanical processing, e.g. grinding, observe the relevant directives/limiting values for fines (lower toxic limit for fines: 6 mg/m³).

16. Other data
The cited data are based on our current knowledge and must not be taken as a warranty of properties.
The recipient of our product assumes responsibility to observe existing laws and provisions.