

Safety Data Sheet



Polypropylene Sheet

1. Product details

Usage:	Plastic sheeting
Material characterization:	Semi-crystalline plastic

2. Fire – fighting measures

Suitable extinguishing measures:	Water spray, foam, dry powder or CO ₂ .
Potential combustion products:	CO, CO ₂
Protection equipment:	Complete protection equipment for fire-brigade. Use self-contained air respirators during strong smoke and steam development. Molten product has to be cooled with water. Fire residues must be collected and disposed of according to local instructions.

3. Handling and storage

Storage:	Product can be worked with conventional machines and tools. Before machining the product should have room temperature and/or be stored for min. 24h under normal climactic conditions. Store horizontally, dry.
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4. Physical and chemical properties

Physical state:	Firm
Color:	Natural or colored
Odor:	Nearly odorless
Melting point:	150°C - 180°C
Thermal decomposition:	>390°C
Flash point:	340°C
Auto-ignition temperature:	>300°C

5. Stability and reactivity

Stability:	Stable under normal conditions.
Conditions to avoid:	Protect from excessive heat. Keep away from sources of ignition and heat. Avoid dust formation.

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Materials to avoid:	Most organic solvents, acetone, chlorinated hydrocarbons.
Hazardous decomposition products:	Thermal decomposition or combustion may emit vapors, carbon monoxide, or carbon dioxide.

6. Ecological information

Toxicity GEON A85U1 Trans 9400	Result: Chemicals are only readily available as they are bound within the polymer matrix.
Conclusion/summary Persistence and degradability Bioaccumulative potential	Chemicals are not readily available as they are bound within the polymer.
Mobility in soil	Not available.

7. Disposal considerations

Recyclability: Check possibility of recycling

EC Waste catalogue: This product is classified in accordance with the European-Waste Catalogue (EWC) as Not Dangerous.

EC Waste Code: 120105 – Plastics shavings and turnings 200139 – Plastics of separately collected fractions

Waste removal: Has to be conveyed to a suitable dumping site or combustion plant in accordance with local regulations.

8. Other Information

SDS Prepared by: A&C Plastics

The information presented herein is believed to be factual and reliable. It is offered in good faith, but without guarantee, since conditions and methods for the use of our products are beyond our control. We recommend that the prospective user determine the suitability of our products and these suggestions before adopting them on a commercial scale.