

Product Handling Information Sheet

MKHP+

1. Company

Name/Address

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2. Product Description

Product/Article	Technical semi-finished product (sheet / board)
Standard designation	MKHP+ (melamine-faced, glass-fabric-reinforced hard paper per DIN 7735 / EN 60893-3-4)
Characterisation	Thermoset laminate (hard paper, glass-fabric reinforced)
Main constituents	• Phenol-formaldehyde resin (paper core) • Glass fabric reinforcement layer • Melamine-formaldehyde resin (cover layers) • Cellulose paper
Constituents subject to labelling	none
Classification under REACH	Article
Notes	Not declared as a food-contact material.

3. Product Properties

Form/State	• solid (thermoset)
Colour	light grey (RAL 7035), other shades on request
Odour	• nearly odourless
Density	1.4 g/cm ³
Glass transition temperature	– (thermoset, no melting point)
Limit temperature (continuous use)	120 °C
Thermal decomposition	chars/decomposes at high temperature (does not melt)
Flammability	flame-retardant per type testing under DIN 7735/EN 60893
Notes	Glass fabric reinforcement layer increases mechanical strength compared with standard MKHP.

4. Hazard Information

Special hazards to humans and the environment	none (in cured state)
Notes	Resin/glass fibre dust generated during machining should not be inhaled (mechanical skin irritation from glass fibres possible). Overheating or combustion can release harmful decomposition products (including formaldehyde, ammonia).

5. Handling and Storage

Handling	• The product can be machined with standard commercial machinery (sawing, milling, drilling, turning). • Prior to machining, the product should be at room temperature, or stored for at least 24 h in standard climate beforehand. • Ensure adequate dust extraction during machining (resin/glass fibre dust); use sharp, carbide-tipped tools. • Due to the glass fabric reinforcement, allow for increased tool wear compared with standard MKHP. • As a thermoset, cannot be reshaped or welded.
Storage recommendation	• horizontal • dry • protected from moisture • protected from direct UV/sunlight (colour change)
Protective measures	Respiratory protection / extraction if dust is generated; avoid skin contact with machining dust
Shelf life	-
Notes	-

6. Transport

Transport	• Not classified as dangerous goods under transport regulations.
Packaging	-
Notes	-

7. Fire-Fighting Measures

Suitable extinguishing media	• Water • Foam • Dry extinguishing agent • CO₂
Possible combustion products	• Carbon monoxide • Carbon dioxide • Formaldehyde • Ammonia • Nitrogen oxides
Required protective equipment	• Firefighters and others exposed to combustion products should wear full protective clothing and self-contained breathing apparatus.
Notes	Collect fire residues and dispose of in accordance with local regulations.

8. Disposal Information

Recyclability	Thermoset (glass-fabric reinforced); material recycling only possible to a limited extent, consider thermal recycling.
EU waste catalogue	The product is not classified as hazardous under the European Waste Catalogue (EAK).
Disposal	The material may be sent to a suitable incineration plant in accordance with local regulations.
Waste code no.	• 07 02 13 - plastic waste • 17 02 03 - plastics (construction)
Notes	-

9. Labelling, Directives and Regulations

Labelling under EEC directives	not subject to labelling
Notes	-

10. REACH Information

Information	Under EC Directive 1907/2006/EC (REACH), Article 3, No. 3, our products are articles that are not subject to registration. The European Chemicals Regulation (EC) No. 1907/2006 (REACH), which entered into force on 1 June 2007, requires safety data sheets (SDS) only for hazardous substances and preparations. Our products are articles under REACH, so no SDS requirement applies.
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11. Other Information

Other information	The above information is based on our current state of knowledge and does not constitute a guarantee of properties. Applicable laws and regulations must be observed by the recipient of our product on their own responsibility.
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