

ENVIRONMENTAL AND PRODUCT DATA SHEET

Product

Grass Paper placemats

Raw Material

Grass paper (30 % Grass / 70 % FSC mix)

Packaging

Inner: Foil, paper, corrugated board

Outer: Corrugated board

Field Of Application

The product is intended for decoration the table.

EC Directive 94/62/EC on Packaging and Packaging Waste

The packaging complies with all essential requirements as defined by 94/62/EC. For example minimum adequate amount of packaging, limitation of heavy metal content, recyclable through at least one of the following: reuse, material recovery, energy recovery or composting.

Environmental Aspects

Product

Paper is made of grass fibres and virgin wood fibre.

Packaging

PE foil is made by refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board box is to a large extent made of recycled fibres. The printing ink is water-based.

Product Safety

The product/raw materials fulfil the following:
EU Regulation 1935/2004/EC on materials and articles intended to come into contact with food.

- EU Regulation 2023/2006/EC on good manufacturing practice for materials and articles intended to come into contact with food.
- BfR XXXVI. BfR Bundesinstitut für Risikobewertung.
- LFGB (*Lebensmittel- und Futtermittelgesetzbuch*, Germany Regulation).
- The printing inks fulfil BgVV, Empfehlungen des Bundesinstitutes für gesundheitlichen Verbraucherschutz und Veterinärmedizin, Part C Bedarfsgegenständeverordnung § 3 Anlage 1 Nr. 7. Azo dyestuffs that may split in carcinogenic amines are not used.
- Dyes and printing inks are tested according to EN 646 (Determination of colour fastness of dyed paper and board) and have been found to have good fastness.
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented the environmental management system ISO 14001.

Management of used products

Energy Recovery

All the materials are suited for energy recovery. Complete combustion gives mainly rise to carbon dioxide and water. The energy content of plastics/paper is comparable to that of oil/ wood.

Recycling

Recycling of the plastic and the corrugated board is possible for producing new products. Check with the local recycling company.

Validity

This is issued 2024-03-11. It is revised when there is a change in the manufacturing process, in the product or in legislation.