

## 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.