

## ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

### **Product**

PE-laminated paper cup, soup cup, wok box and lid

### **Material**

Paper board PE-lamination  
Flexo Print waterbased

### **Packaging**

Inner: PE  
Outer: Carton

### **Field Of Application**

The articles can be used for hot and cold beverages. It can be used for hotfill and temperatures up to 70°C for 2 hours. The cups are not suitable for beverages with higher alcoholic content than 5 % due to functional properties.

The article is not suitable to use in a microwave oven.

### **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**

Cardboard is made out of tree, which is a renewable resource. The board is made from pulp bleached without any chlorine gas, ECF (Elemental Chlorine Free). The bleaching is carried out with oxygen, hydrogen and chlorine dioxide.

PE is a polymer produced from refined mineral oil or natural gas.

#### **Packaging**

PE is manufactured from mineral oil or natural gas. The polymer consists simply of carbon and hydrogen.

The corrugated board is unbleached and to a large extent made from recycled fibres.

### **Product Safety**

The products fulfill the following:

- EU Regulation 10/2011/EC with amendments
- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC
- The paper board fulfills the German recommendation BfR XXXVI.
- Migration tests on the article material performed by an independent institute showed that under appropriate test conditions, overall and specific (when relevant) migration falls considerably below the limit given by regulation 10/2011. (For further details, see *Declaration of Compliance*).
- 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 a copy of a document issued 2020-01-10. It is normally updated every second year or when there is a change in the manufacturing process, in the product or in legislation. To make sure that you have the latest edition, contact Duni AB.