



ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

Cups, Glasses and Lids

Raw Material

Polystyrene (PS)

Additives

Colours

Packaging

Inner: Low Density Polyethylene (LDPE)

Outer: Corrugated board box

Field Of Application

The products can be used for all types of beverages, serving cold and hot fill for 2 hours at 70 and storage > 24 hours.

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

Polystyrene is manufactured from oil or natural gas. The polymers simply consist of carbon and hydrogen.

Packaging

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

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

Product Safety

The product/raw material fulfil the following:

- EU Regulation 1935/2004/EC, Material and products intended for contact with foodstuff.
- EU Regulation 2023/2006/EC, Good Manufacturing Practice.

- EU Regulation 10/2011/EC with amendments, Material and products of plastic produced for contact with foodstuff.
- The overall migration is below limit 10mg/dm² for tests by 3% Acetic acid, 10% Ethanol, 50% Ethanol and 95% Ethanol, tested in 10 days at 40°C.
- Duni manufacturing units are certified according to the international quality system ISO 9001 and 9002. They have also implemented or will implement 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 2013-05-15. 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.