



ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

Cups and Containers

Raw Material

Polystyrene (PS)

Additives

Color

Packaging

Inner: Polyethylene (PE)

Outer: Corrugated board box

Field Of Application

The products are able to use for all kinds of drinks, both hot and cold. The article can be used for temperatures up to 70°C for 2 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

PS is made by refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen.

Packaging

PE is also made by refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board box is 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 total migration is below the limit 10 mg/dm² when tested for 2 hours at 70 in 3% Acetic acid and 50% Ethanol and 95% Ethanol for 24 hours at 40°C, 2 hours at 60°C and 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 2013-05-03. 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.