

ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

Paper plates, unlaminated

Raw Material

Paper board

Packaging

Inner: Polyethylene (PE)

Outer: Corrugated board

Field Of Application

The plates are suitable for dry, moist and fatty foods up to 90°C at the moment of filling, after which the food cools down.

The cardboard has no lamination or other barriers for fat or moist. Therefore, due to physical properties the plates therefore perform best with for dry food and short time usage.

Plates are not intended for use in microwave oven or conventional 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

Paper is made from wood, which is a renewable resource. The pulp is unbleached and made from 100% virgin fibres

Packaging

PE is a polymer produced from refined mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board box is made from wood, which is a renewable resource.

Certificates & Labelling

The product is FSC® certified (Forest Stewardship Council). FSC is an independent organization to promote responsible forestry.

Product Safety

The product /raw material fulfil the following:

- EU Regulation 1935/2004/EC, Material and products intended for contact with food.
- EU Regulation 2023/2006/EC, Good Manufacturing Practice.
- The paper board fulfills the German recommendation BfR XXXVI.
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented the environmental management system ISO 14001.

Storage

Recommended storage conditions are 45-55% relative humidity and 19-23°C not in direct sunshine. The plates do not have an exact expiry date but its recommended the plates are used within 3 years from the date of production.

Management Of Used Products**Recycling**

Collection, sorting and material recovery are all part of the recycling process.

Recycling of the plastic and the corrugated board is possible for producing new products. As recycling is dependent on local waste handling infrastructure make sure to check with the local recycling company.

Energy Recovery

Incineration of mixed waste for energy recovery is a good end-use of products. Paper and plastic may burn well with low emissions.

Incineration facilities for energy recovery are dependent on local infrastructure. Incineration for energy recovery is a good alternative when material recovery is not available by recycling.

Validity

This is a copy of a document issued 2021-06-23. 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 Group.