

# ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

**Product**

PS Lids

**Material**

Polystyrene (PS)

**Packaging**

Inner: Polyethylene PE

Outer: Corrugated board box

**Field Of Application**

Based on the migration tests and Declaration of Compliance in Duni's possession, the lids can be used safely with all types of foodstuffs, serving cold and hot. The articles can be used for storage, hotfill and temperatures up to 2 hours at 70°C.

The lids are safe to use with all kinds of beverages up to hotfill conditions from a food contact perspective. However, it is not recommended to use them with very hot drinks because of deteriorating performance and stability as well as due to the risk of burn injuries.

The lids are not suitable to use in 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**

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

**Packaging**

Polyethylene is a polymer produced from refining of 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.

### ***Product Safety***

The products fulfill the following:

- EU Regulation 10/2011/EC with amendments
- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC
- 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 or will implement the environmental management system ISO 14001.

### ***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 2021-07-08. 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.