



ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

Dunicel[®], Tablecloths, Placemats, Slipcovers, Tablerunners, Reels, Bibs, Tête a Tête and Napkins

Raw Material

Pulp

Additives

Color, Glue, Filler
Water repellent agent (only some Dunicel products)

Packaging

Inner: Plastic film of polyethylene, (PE) or Polypropylene (PP)
Outer: Corrugated board box

Field Of Application

The products is intended for enhancing the meal and serving environment.

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

The tissue in the Dunicel products is manufactured from Totally Chlorine Free pulp (TCF) i.e. bleaching chemicals used are oxygen, hydrogen peroxide and if required ozone. Or Elemental Chlorine Free pulp (ECF) i.e. pulp bleached without chlorine gas with only virgin fibers.

The pulp is white or dyed. Printing inks are water based.

Most of the products are FSC certified according to "Mixed Sources" certification number DNV-COC-000148

Packaging

PE and PP are made from refined natural gas or mineral oil. The polymers consist simply of carbon and hydrogen.

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

Product Safety

The products / raw material (incl. printing inks) fulfil the following:

- Regulation (EC) No. 1935/2004 of the European Parliament and of the Council of 27th October 2004 concerning materials and articles intended to come into contact with food.
- BfR-Recommendations on Food Contact Materials, XXXVI. Paper and board for food contact / BfR = Federal Institute for Risk Assessment -
- Colored and printed products are tested according to EN 646 (Determination of colorfastness of dyed paper and board) and has been found to have good fastness.
- Duni manufacturing units are certified according to the international quality system ISO 9001 and environmental system ISO 14001 14001 as well as to BRC for hygiene.

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 2012-10-18. It is normally updated, when there is a change in the product or in legislation. To make sure that you have the latest edition, contact Duni AB, Environmental Affairs.