

## Declaration of Compliance: Direct Food Contact Use

### 1 - Information of the product

#### Selling name and identification data of the packaging material

Folding box board for food contact use, type: biobox 2

#### Structure of the packaging material

The packaging material consists of coated folding box board. The product is produced to needed size. Coated inner surface is designed to be in direct contact with food.

#### Intended use of the packaging material

The packaging material is suitable for food products in general. Folding box board is safe to use with dry, moist and oily products in any long-term application at room temperatures and below. Customers should verify the suitability of the product for its specific end use. Not applicable holding food during cooking.

#### Handling and storage

Keep away from all sources of ignition when handling, transferring and processing the product. Keep in a cool, dry, well ventilated place. Keep away from moisture.

Products have to be protected from direct UV-light. To maintain original dimensions of the carton the storing conditions should be 45-55 % relative humidity and temperature between +15 to 30°C. Improper storage can initiate degradation, which results in odor generation and colour changes and can have negative effects on physical properties of the products. Avoid sudden changes in temperature and acclimate to operating room temperature before use. We recommend using products within 6 months from manufacturing date.

#### Pyroll Pakkaukset / Pyroll Packages

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## 2 - Analysis of the suitability of the raw materials for food contact use

*(Based on declarations sent by producers)*

**Raw materials comply with the following regulations in force in Finland and other countries:**

### **Folding box board:**

- The European Parliament and the Council of the European Union Regulation (EC) 1935/2004
- Commission Regulation (EC) 2023/2006
- German recommendation no. XXXVI
- European Parliament and Council Directive 94/62/EC (amendment 2004/12/EEC) in regard of heavy metal contents

### **Barrier coating layer:**

- The European Parliament and the Council of the European Union Regulation (EC) 1935/2004
- Commission Regulation (EC) 2023/2006

In regard of 10/2011/EC, some SML substances can be found from the product, the migration is validated by GC-MS screening (see following).

## 3 - Migration and other tests

Coating is tested with simulant E 10 days in +40°C. The overall migration limit 10 mg/dm<sup>2</sup> was maintained. In addition, SML and printing ink compound migration are verified by screening with GC-MS after 10 day +40°C migration to simulant E.

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## GC-MS Screening

The following substances were detected with the GC-MS screening:

RT [min]	Substance	CAS No.	Conc. [mg/dm <sup>2</sup> ]	Standard S/V [mg/kg food]	SML [mg/kg food]
	limit of detection		0.002	0.010	
9.0	fatty acid		0.002	0.012	60
9.3	fatty acid		0.006	0.036	60
10.3	fatty acid		0.008	0.045	60
10.4	fatty acid ester		0.015	0.089	60
13.0	diethylhexyl adipate (DEHA)	103-23-1	0.038	0.23	18
----	likely resin residue	----	----	----	----
9.7	terpene *		0.006	0.035	60
	(m/z 93.070+69.070+81.070+119.085+91.054)				
9.9	terpene *		0.018	0.11	60
	(m/z 93.070+105.070+91.054+119.085+121.101)				
10.7	abietic acid ester *		0.029	0.18	abietic acid: 60
	(m/z 119.086+109.101+95.085+191.179)				
11.7	dehydroabietal	13601-88-2	0.007	0.039	abietic acid: 60

\* or substance with similar mass spectrum

## 4 - Legislation, chemical legislation, environment and traceability

### EU Legislation and traceability

The product fulfills the frame regulation 1935/2004 for food contact materials. Also regulation 2023/2006 is followed. Local public authorities are monitoring the factories regularly. Products are traceable according to their manufacturing week which can be found from the product label.

### Standards

This product and manufacturing process complies with following standards

- ISO-9001: 2015 (Quality standard)
- ISO-14001: 2015 (Environment standard)
- ISO-22000 + EN15593 (Food Safety + Hygiene practices standard)

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## REACH

The product is free of substances of very high concern in regard of 1907/2006/EC.

## Waste

The product can be recycled as carton waste (recommended) or used as a source of energy.

*This statement is valid until substantial changes in the production bring changes in the migration, when new scientific data are available, or if legislation brings changes in the content of this declaration.*

For more information, take contact to your dedicated sales person.

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