

Declaration of Compliance

Compliance

Identification

CartonBox PE

Composition

The package consists of single or double PE-coated board and it may contain plastic window both suitable for direct contact with food. The package can be printed. Inks meet the requirements of indirect food contact use.

Application

The Package is suitable for direct food contact. It is intended for dry, moist and fatty food products at frozen or refrigerated conditions, long-term storage at room temperature and 2h 70°C or 15 min 100°C. Hot-Fill applicable.

Not applicable holding food during cooking. Customer should verify the suitability for specific end use.

Conformity

Raw materials and package comply with following regulations effective in Finland and other regions

Materials	Regulations	Meaning
All materials	1935/2004	Materials Intended for Contact with Food
	2023/2006	Good Manufacturing Practices
	1907/2006	REACH
Plastic layer, adhesives	10/2011	Plastic Regulation
Adhesives	BfR XIV	Polymer dispersions
Board	BfR XXXVI	Paper and Board for food contact

Printing inks are developed to be used in such way where there is no direct food contact. Therefore, packaging regulations are not applicable and no specific EU legislation for printing inks exists.

Raw materials are selected according to EUPIA (European Printing Ink Association exclusion lists).

Analyses

Migration

Migration testing is conducted to similar type of material with following simulants in conditions listed below. The overall migration limit of 10 mg/dm^2 was maintained throughout.

Simulant	Temp (°C)	Time	Properties
A (10% Ethanol)	40	10 days	Moist food
B (3% Acetic acid)	40	10 days	Acidic foods
D2 (Iso-Octane)	20	2 days	Fatty foods
95% Ethanol	40	10 days	SetOff

Substances with specific migration limits (SML) can be present in the package in quantities below the limits set for each substance.

Dual-Use

The package may contain following Dual-Use – substances according to supplier statements and tests performed by producer of the package:

Name	CAS#	EU Ref#	E-Code
2,6-di-tert-butyl-4-methylphenol (BHT)	0000128-37-0	46640	E 321
Acetaldehyde	0000075-07-0	10060	-
Adipic acid	0000124-04-9	12130 31730	E 355
Aluminium silicate	0012141-46-7	62720	E 559
Aluminum sulfate	10043-01-3		E 520
Ammonium sulphate	7783-20-2		E 517
BHT	128-37-0		E 321
Calcium stearate	0001592-23-0	-	E 470
Citric acid	0000077-92-9	14680 44160	E 330
Calcium Carbonate	471-34-1		E 170
Disodium phosphate	7558-79-4		E 339
Formaldehyde	50-00-0		E 240
Formic acid	64-18-6		E 236
Glutaraldehyde	111-30-8		FI NO. 05-149
Glycerol	56-81-5		E 422
Glycerol ester	0736150-63-3	55910	E 471
Magnesium carbonate	208-915-9		E 504
Magnesium chloride	7786-30-3		E 511
Magnesium silicate	0001343-88-0	85601	E 553b



Maleic anhydride	108-31-6		E 296
Malic acid	0006915-15-7	19965 65020	E 296
Phosphoric acid	0007664-38-2	23170 72640	E 338
Polyethylene glycol	0025322-68-3	23590 76960	E 1521
Potassium acetate	127-08-2		E 261
Propane-1,2-diol	57-55-6		E 1520
Silicon dioxide	0007631-86-9	86240	E 551
Sodium bisulfite	7631-90-5		E 222
Sodium carbonate	497-19-8		E 500
Sodium carboxymethylcellulose	9004-32-4		E 466
Sodium formate	141-53-7		E 237
Sodium gulconate	527-07-1		E 576
Sodium hexametaphosphate	10124-56-8		E 452
Sodium hydroxide	1310-73-2		E 524
Sodium metabisulphite	7681-57-4		E 223
Sodium nitrate	7631-99-4		E 521
Sodium sulfate	7757-82		E 514
Sodium sulfite	7757-83-7		E 221
Sodium sulphate	0007757-82-6	-	E 541
Sorbitan monolaurate	0001338-39-2	87600	E 493
Sorbitan monostearate	0001338-41-6	87840	E 491
Starch sodium octenyl succinate	52906-93-1		E 1450
Stearic acid	57-11-4		E 570
Sulfuric acid	7664-93-9		E 513
Sulfuric acid, aluminum salt (3:2) tetradecahydrate	16828-12-9		E 520
Syntetic paraffin	8002-74-2		E 905
Talc	0014807-96-6	92080	E 553a
Titanium dioxide	0013463-67-7	93440	E 171
Xanthan gum	0011138-66-2	95935	E 415



General information

Storage

Store in unopened packages at conditions +15°C - +30°C and Rh 45-55% in well-ventilated place. Keep away from moisture, strong odors, sources of ignition and UV-light.

Improper storage can initiate degradation which results in odor generation color changes and can have negative effects on physical properties of the package.

It is recommended to use the product within 12 months from manufacturing date.

Traceability

The package can be traced according to order number and product number.

Recovery

The package is:

- Recyclable as cardboard
- Suitable for incineration at powerplant



Standards

Manufacturing process and site complies with following standards:

Standard	Issue #	Meaning
ISO 9001:2015	6022-05	Quality standard
ISO 14001:2015	6023-05	Environment standard
ISO 22000:2018	2630-09	Food safety standard

Validity

This statement is valid for three (3) years from the issue date. It will be replaced only by expiration, major changes in process or materials and updates in legislation.

It is sole responsibility of the intended recipient of this declaration to ensure the compatibility in the event of changes in packaged product, it's composition or intended used as well as the conditions for using the material / article.

For additional information, contact your dedicated salesperson.