Certificate

Version: 2016:1 September 9, 2016

Declaration of Compliance

CKB®

Trade name	**CKB®** (hereafter referred to as the paperboard)
Product description	Paperboard
Grammage	Ranges between 175 g/m^2 to 380 g/m^2 For more information see technical specification.
Fiber source	Virgin fiber
Bleaching	All used pulps are elementary chlorine free (ECF-pulps)
Production site	CKB® is manufactured at Stora Enso Consumer Board, Skoghall Mill
Producer	Stora Enso Skoghall AB

Compliance with European food contact legislation

For the purpose to achieve high chemical and microbiological purity only virgin fibers and food contact approved chemical additives are used as raw material in the production of paperboard. The pulp and paper manufacturing process conforms to established technology involving the use of generally recognized chemicals.

We hereby declare that this paperboard before conversion complies where applicable and under foreseeable conditions of use with the requirements of **Regulation (EC) No 1935/2004** on materials and articles intended to come into contact with food as well as **BfR Recommendation XXXVI** on paper and board for food contact (2015). This paperboard is produced in accordance with **Commission Regulation (EC) No 2023/2006** on good manufacturing practice for materials and articles intended to come into contact with food.

This paperboard is intended for packaging food and may stand in direct contact with dry, moist, acidic and fatty foodstuffs.

This paperboard is intended for use under the following conditions of temperature and time.

- Freezer/fridge
- Room temperature (up to 40°C for more than 24 hrs)

This paperboard is not intended for use under the following conditions and temperatures.

- Hot-fill
- Microwave oven
- Conventional oven

Please also see storage conditions.

NOTE!

For questions regarding if a specific end-use (food type and/or conditions) is covered by this declaration please contact your local sales office for more information. Please note that safe and appropriate use in this context means product safety. There might be technical limitations that the converter needs to take into account and test separately before use.

When converting this paperboard each part of the converting chain is responsible for the suitability for the intended end-use.

Information given in this certificate is based on written confirmation from our chemical suppliers as well as analysis performed on representative paperboard samples.

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Industry Guideline

The *Industry Guideline for the Compliance of Paper and Board Materials and Articles for food contact* provides harmonised approach for self-regulation of paper and board. Stora Enso as a company supports and operates according to the Industry Guideline. More information on the guideline can be found on the following web site;
http://www.cepi.org/mediacentre/publications

Compliance with US food contact legislation

Based on the information regarding the formulation, limitations on the used chemical additives as well as the results of the applicable extraction tests we confirm that this paperboard complies with 21 C.F.R. §§176.170 ("Components of paper and paperboard in contact with aqueous and fatty foods") and 176.180 ("Components of paper and paperboard in contact with dry food") and may be used as intended in contact with food types I, II, III, IV-A, IV-B, V, VI-B, VII A, VII-B, VIII and IX up to condition of use E as listed in Table 21 CFR §176.170.

Information given in this certificate is based on written confirmation from our chemical suppliers as well as analysis performed on representative paperboard samples.

NOTE!
Please note that safe and appropriate use in this context means product safety. There might be technical limitations that the converter needs to take into account and test separately before use. When converting this paperboard each part of the converting chain is responsible for the suitability for the intended end-use.

Analyses

Compliance with BfR Recommendation XXXVI

The paperboard complies with the requirements in BfR Recommendation XXXVI, Paper and Board as follows. Analyses have been performed on representative samples of paperboard.

Heavy metals:

Cadmium (Cd)	< 0.5 mg/kg
Mercury (Hg)	< 0.3 mg/kg
Lead (Pb)	< 3.0 mg/kg

Formaldehyde: Analysis has been performed according to EN 1541. The amount of formaldehyde is < 1 mg/dm^2.

Optical brightening agents: Optical brightening agents, OBAs, are not used as raw material or intentionally added in the production of paperboard. Analysis has been performed according to EN 648. There was no visible transfer (grade 5) for any of the test fluids.

Colour fastness: Analysis has been performed according to EN 646. There was no visible transfer (grade 5) for any of the test fluids.

Hemmhof test: Analysis has been performed according to EN 1104. There is no transfer of antimicrobial constituents.
We do not add surface biocides on top of the paperboard.

Chromium

Chromium (Cr) < 2.0 mg/kg
Chromium-VI not detectable

Dioxin in paperboard

The dioxin content analysed in representative samples of paperboard is less than 1 ppt WHO-TEQ.

PCB

Analyses have been performed on representative paperboard samples for polychlorinated biphenyls (PCB) according to EN ISO 15318. The amount of PCB is below < 2.0 mg/kg.

PCP
Analysis has been performed on representative paperboard sample for pentachlorophenol (PCP) according to EN ISO 15320. The amount of PCP is < 0.15 mg/kg.

Substances

Intentionally added shall mean deliberately utilized in the formulation of a material or component where its continued presence is desired in the final product to provide a specific characteristics, appearance or quality. Please note that we do not analyze the paperboard for the substances listed below. Information below is based on information given by our chemical suppliers.

GMO
We hereby confirm that Genetically Modified Organisms (GMO) as defined by European Union* are not intentionally added in the production paperboard. Our suppliers can however not exclude adventitious and technically unavoidable contamination**.

* http://ec.europa.eu/food/food/biotechnology/index_en.htm

*** Regulation 1830/2003 on traceability and labeling of GMO; "The adventitious or technically unavoidable presence of GM-crops in conventional crops may occur as a result of seed production, cultivation, harvest, transport and processing. As long as the level of such contamination remains below the current 0.9 % legislative limit, food ingredients can be considered as not being produced from GM raw materials."*

Animal origin
We hereby confirm that no additive of animal origin is intentionally added in the production of paperboard.

BSE
We hereby confirm that no substances causing Transmissible Spongiform Encephalopathies, TSEs including Bovine spongiform encephalopathy, BSE and Creutzfeldt Jakob Disease, CJD is intentionally added in the production of paperboard.

Food allergens
We hereby confirm that, with reference to the US FDA Food Allergen Labelling and Consumer Protection Act (FALCPA) and the Regulation (EU) No 1169/2011 Annex II, the following food allergens or products derived thereof are not intentionally added for the manufacture of paperboard:

- Cereals containing gluten and products thereof*
- Crustaceans and products thereof
- Eggs and products thereof
- Fish and products thereof*
- Peanuts and products thereof
- Soybeans and products thereof*
- Milk and products thereof*
- Nuts and products thereof*
- Celery and products thereof
- Mustard and products thereof
- Sesame seeds and products thereof
- Sulphur dioxide and sulphites at concentrations that may cause transfer from food packaging into food exceeding 10 mg/kg expressed as SO_2.
- Lupin and products thereof
- Molluscs and products thereof

**Please notice the exceptions in Commission Directive 2007/68/EC, Annex IIIa*

Phthalates
We hereby confirm that no phthalates are intentionally added in the production of paperboard.

Bisphenol A
We hereby confirm that no bisphenol A is intentionally added in the production of paperboard.

Additional legislation and regulations, not food related

Packaging and Packaging Waste Directive

The **paperboard** complies with the Packaging and Packaging Waste directive 94/62/EC as amended.

- The sum of lead, cadmium, mercury and hexavalent chromium in the paperboard is less than 100 ppm (EN 13428).
- The level of substances hazardous* to the environment in the paperboard is less than 0,1% (EN 13428).

** Requirements for classification of substances or preparations dangerous to the environment and assigned the hazard statements H400, H410 and H411 according to the Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP).*

The paperboard is suitable for recovery by ;

- Material recycling (EN 13430)
- Energy recovery (EN 13431)

Note: A material being recoverable by a certain method does not guarantee that the finished packaging can be recovered using this method.

REACH Regulation (EC) 1907/2006

Stora Enso's obligations under REACH are as a manufacturer of articles and substances and as a downstream user.

Where REACH demands registration we have done or will do the registration. Our paper and board grades are defined as articles without intended release with the consequence that no registration is required. Cellulose pulp is defined as a substance and exempted from registration according to annex IV.

We have included REACH demands in our purchasing agreements to secure information exchange in the supply chain. Our chemical suppliers shall continuously follow the development of the Candidate List of Substances of Very High Concern, the substances for authorization as well as any restrictions applicable to our use.

To our knowledge and based on the information from our suppliers today we can confirm that none of our articles contains:

- Substances included on the Candidate List of SVHCs (incl. Annex XIV, Authorisation) in a concentration above 0.1% (w/w).
- Substances included in Annex XVII, Restrictions, where the restriction is applicable on our use.

Certified management systems at the production site/sites

Certificates are available on the internet: http://www.storaenso.com/rethink/responsibility/certificates

Paperboard production
ISO 9001
ISO 14001
FSSC 22000
OHSAS 18001
ISO 50001
FSC® CoC
PEFC CoC

FSC® trademark license code: FSC®-C105192 PEFC™ logo license registration number: PEFC/02-31-71

Storage and handling requirements

In order to secure and ensure product safety and quality the product must be well wrapped and stored indoor under normal conditions and good protection, sheltered from rain and snow. We recommend converting of the paperboard within 12 months from manufacturing date and after this time rights of claims normally disappear.

For uncertainties regarding the shelf life of the board please contact your local sales office.

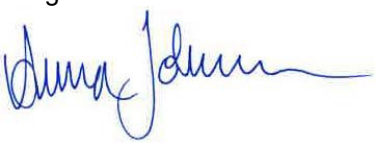
Disclaimer

It is the responsibility of the manufacturer of the finished packages to ensure that products fabricated from material manufactured by us meet all relevant regulatory and legislative requirements, specifications and limitations in the intended application. This certificate and its contents are subject to the following additional limitations and disclaimers:

- *Based on reasonable investigations, the information set out herein is accurate to our current knowledge only. We take no responsibility for information that has been provided to us by our suppliers and on which we have relied when producing the information contained herein.*
- *This certificate is only valid as of its date of publication and, for the avoidance of doubt, we assume no liability for subsequent changes in information, contents, processes, regulatory requirements or otherwise.*
- *This certificate is only valid to the extent it has been signed and delivered by an authorized employee of the Stora Enso group.*
- *Nothing in this certificate shall be interpreted as a warranty (direct or implied) with respect to (a) anything beyond what is expressly set out herein, (b) the merchantability or fitness for a particular purpose, (c) the use, or the suitability for use, in connection with other products or materials, or (e) the safety or legality in any use, processing and handling of our products.*
- *This certificate forms an integral part of the delivery contract between us and the addressee and any limitations of liability set out in such delivery contract shall apply to this certificate.*
- *No one other than the addressee may rely on this certificate and we assume no liability whatsoever to any third party*

Skoghall, 9 September 2016

Stora Enso Consumer Board
Skoghall Mill



Anna Johansson
Product Safety Engineer