

Declaration of Compliance

<i>Product description</i>	Wood free coated paper in gloss grades from 90 to 300 gsm, in silk grades from 90 to 300 gsm and in matt grades from 80 to 130 gsm (hereafter referred to as the paper). Information given in this declaration is valid for the paper as leaving the paper mill. For more information see technical specification.
<i>Fiber source</i>	Virgin fibre
<i>Bleaching</i>	All used pulps are elemental chlorine free (ECF-pulps)
<i>Production site</i>	Stora Enso Paper, Oulu Mill
<i>Producer</i>	Stora Enso Oulu Oy

Instructions for appropriate use

The paper is intended mainly for printing end use. The paper is not intended for use in contact with food, and it is not designed or manufactured to fulfil all requirements that are specific for paper material intended for food contact, for example the EU regulation on good manufacturing practice (2006/2023/EC).

No personal protection is needed under normal (proper) use.

See to that the national Occupational Exposure Limit value for paper dust not is exceeded. (Occupational Exposure Limit values are set by competent national authorities and may differ in different countries.)

If the product is used in such a way that high dust level is generated:

An approved dust protection mask (filter P1) and safety glasses are recommended.

Raw materials

The paper consists mainly of cellulose fibres, naturally occurring minerals such as calcium carbonate and natural polymers such as starch. Cellulose itself (CAS-no. 9004-34-6) is a natural polymer based mainly on glucose units. The pulp and paper manufacturing process conforms to established technology involving the use of generally recognized chemicals.

Compliance with European legislation

REACH regulation – 2006/1907/EC

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.

We are aware of our obligation to inform our customers without undue delay in case any of our products contain substances included on the Candidate List of SVHCs (including Annex XIV, Authorisation) in a concentration above 0,1% (w/w).

None of our products contain substances included in Annex XVII, Restrictions, where the restriction is applicable on our use.

Packaging and Packaging Waste directive – 1994/62/EC

The paper complies with the Packaging and Packaging Waste directive 1994/62/EC as amended.

- The sum of lead, cadmium, mercury and hexavalent chromium in the paper is less than 100 ppm (EN 13428).
- The level of substances hazardous* to the environment in the paper 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 2008/1272/EC on classification, labelling and packaging of substances and mixtures (CLP).*

The paper 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 product can be recovered using this method.

Safety of toys

In terms of its composition the paper grades are in compliance with the requirements of the

- DIN EN 71, part 3 "Safety of Toys, Migration of Certain Elements", state of August 2018.
- DIN EN 71, part 9 "Safety of Toys, Organic chemical compounds – Requirements", state of September 2007.

This information is based on analyses performed with representative paper samples.

RoHS directive – 2011/65/EU

The paper complies** with the directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast)” (RoHS2).

- Content of lead, mercury and hexavalent chromium each does not exceed 0,1 % by weight in the paper.*
- Content of cadmium in the paper does not exceed 0,01 % by weight.*
- Content of polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE) each does not exceed 0,1 % by weight in the paper. These or any other polybrominated flame retardants are not used as raw material or additive in the production of the paper.
- Content of bis(2-ethylhexyl) phthalate (DEHP), benzyl butyl phthalate (BBP), dibutyl phthalate (DBP) and diisobutyl phthalate (DIBP) each does not exceed 0,1 % by weight in the paper.

*This information is based on analyses performed with representative paper samples.

**Where the present declaration refers to legislation or a standard in which this product is not included in the scope, ‘compliance’ means a declaration of intent by the manufacturer, whereas there are no legal means to formally comply due to the limitations set by the scope of the referred legislation or standard.

Compliance with BfR Recommendation XXXVI

The paper grades are approved according to the BfR Recommendation XXXVI. Paper and board for food contact, recast by 62nd Announcement, Bundesgesundheitsblatt 14 (1971) 83, last amended by 221st Announcement, Bundesgesundheitsblatt 61 (2018) 236, as of 1 September 2017.

Heavy metals (EN 12498):

Cadmium (Cd): < 5 µg/l
Lead (Pb): < 10 µg/l

Formaldehyde (DIN EN 1541):

Formaldehyde: < 1,0 mg/dm²

Optical brightening agents: Optical brightening agents, OBAs, are used in the production of the paper. Analysis has been performed according to EN 648:2017-03. There was no visible transfer (grade 5) with olive oil simulant.

Transfer of antimicrobial constituents: Analysis has been performed according to DIN EN 1104:2005-11 and prEN 1104:2017-06. There was no transfer of antimicrobial constituents. We do not add surface biocides on top of the paper.

Analyses

Chromium (AAS, ICP-OES)

Chromium (Cr): < 2,0 mg/kg dry matter
Chromium-VI: not determinable

PCB

Analyses have been performed on representative samples of the paper according to EN ISO 15318. The amount of polychlorinated biphenyls (PCB) is < 2,0 mg/kg dry matter.

PCP

The analysis has been performed on representative samples of the paper according to EN ISO 15320. The amount of pentachlorophenol (PCP) is < 0,1 mg/kg dry matter. Paper sample analysis year 2016.

Glyoxal (DIN 54603)

The water extract was analyzed and the glyoxal content was below the determination limit < 0,005 mg/g

Anthraquinone

The determination was performed from ethanol extract and the anthraquinone content was below the determination limit < 0,13 mg/kg dry matter.

Colourants

The determination was performed according to DIN EN 71-10:2006-03 and DIN EN 71-11:2006-01 by means of HPLC-UV in an ethanol extract. None of the analysed compounds were quantifiable. Limit of quantification 1 mg/kg each.

Analysed compounds:

Disperse Blue 1 [2475-45-8]

Disperse Blue 3 [2475-46-9]

Disperse Blue 106 [12223-01-7]

Disperse Blue 124 [61951-51-7]

Disperse Yellow 3 [2832-40-8]

Disperse Orange 3 [730-40-5]

Disperse Orange 37 [13301-61-6]

Disperse Red 1 [2872-52-8]

Solvent Yellow 1 [60-09-3]

Solvent Yellow 2 [60-11-7]

Solvent Yellow 3 [97-56-3]

Basic Red 9 [569-61-9]

Basic Violet 1 [8004-87-3]

Basic Violet 3 [548-62-9]

Acid Red 26 [3761-53-3]

Acid Violet 49 [1694-09-3]

Primary aromatic amines (PAA)

The determination was performed according to DIN EN 71-9. The analysis was conducted according to SOP 162.200 by means of LC/MS in the water extract prepared according to DIN EN 645:1994-01. None of the analysed compounds (benzidine [92-87-5], 2-naphthylamine [91-59-8], 4-chloroaniline [106-47-8], 3,3'-dichlorobenzidine [91-94-1], 3,3'-dimethoxybenzidine [119-90-4], 3,3'-dimethylbenzidine [119-93-7], o-toluidine [95-53-4], o-anisidine [90-04-0], aniline [62-53-3]) were quantifiable. Limit of quantification 0,2 mg/kg each.

Migration of elements

The determination was performed according to DIN EN 71-3:2018-08. The analysis was conducted by means of ICP-OES in the hydrochloric acid extract, and none of the analysed elements were quantifiable.

Analysis results: aluminium (< 1000 mg/l), antimony (< 20 mg/l), arsenic (< 5 mg/l), barium (< 100 mg/l), boron (< 100 mg/l), cadmium (< 5 mg/l), cobalt (< 20 mg/l), chromium (< 0,2 mg/l), copper (< 20 mg/l), mercury (< 5 mg/l), manganese (< 100 mg/l), nickel (< 100 mg/l), lead (< 5 mg/l), selenium (< 20 mg/l), tin (< 100 mg/l), strontium (< 1000 mg/l), zinc (< 100 mg/l).

Migration of organo tin

The determination was performed according to DIN EN 71-3:2018-08. The analysis was conducted by means of GC/MS, and none of the analysed tin compounds (monobutyltin, dibutyltin, tributyltin, tetrabutyltin, mono-octyltin, dioctyltin, diphenyltin, triphenyltin, tricyclohexyltin, methyltin, di-n-propyltin) were quantifiable. Limit of quantification 0,9 mg/kg each.

Substances

Phthalates

We hereby confirm that phthalates are not used as raw materials or additives in the production of the paper.

Bisphenols

We hereby confirm that bisphenol A, bisphenol F and bisphenol S are not used as raw materials or additives in the production of the paper.

Azo-based colours, azo-based dyes, optical brighteners containing azo-compounds

We hereby confirm that azo compounds are not used as raw materials or additives in the production of the paper.

Certified management systems at the production site/sites

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

Production of the paper

ISO 9001

ISO 14001

OHSAS 18001

ISO 50001

FSC® CoC

PEFC™ CoC

FSC® trademark license code: FSC® C015932

PEFC™ logo license registration number: PEFC/02-31-86

Ecolabels

The paper is awarded the EU Ecolabel license number: FI/011/007.

The paper is approved by the Nordic Ecolabelling organisation and can be used for Nordic Swan Ecolabelled printed matter and by Nordic Swan Ecolabelled printing houses. <http://www.nordic-ecolabel.org/certification/paper-pulp-printing/>

Storage and handling requirements

In order to secure/ensure product safety the product must be well wrapped and stored indoors, sheltered from rain and snow. The recommended storage conditions are at 50-55 % relative humidity and 20-23 °C. We recommend converting of the paper within 12 months from manufacturing date and after this time rights of claims normally disappear.

Oulu, 14 November 2019

Stora Enso Paper
Oulu Mill



Ismo Lappalainen
Manager, Process and Product Development

Disclaimer

It is the responsibility of the manufacturer of the finished paper products 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 (d) 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*