

# Declaration of Compliance

## DS Smith Packaging

### European Legal compliance for non-food contact corrugated board

At DS Smith, for our entire production, we have appropriate Quality Management Systems in place to control our raw materials and processes according to the most recent and best industry standards.

**This statement is related to non-food contact material only<sup>1</sup>.**

*If this packaging is used in a way which was not intended, this is done at the end user's risk.*

### Essential requirements of European and Council Directive 94/62/EC 20<sup>th</sup> December 1994 on packaging and packaging waste and its amendments

The product(s) fulfil(s) the relevant requirements of the Essential requirements of European and Council Directive 94/62/EC 20<sup>th</sup> December 1994 on packaging and packaging waste and its amendments laid down in Article 9 and Annex II, and specifically that ("Heavy Metals") the sum of the concentration levels of lead, cadmium, mercury and hexavalent chromium is below 100ppm.

### REACH regulation (EC) No 1907/2006 on materials and articles

REACH is the European Community Regulation on chemicals and their safe use (EC) No 1907/2006.

It deals with the Registration, Evaluation, Authorization and Restriction of Chemical substances. The law entered into force on 1 June 2007.

MSDS: Since REACH regulation 1907/2006 - and its amendments - explicitly cover chemical substances the preparation of a Material Safety Datasheet (MSDS) is not required for materials and articles.

However, due to Article 33 there is a "Duty to communicate information on substances in articles" in regards of content of Substances of Very High Concern (SVHC), if the substance exceeds 0.1 % w/w in the final article.

ECHA – European Chemicals Agency regularly published an update SVHC list. The validity of this statement is therefore tributary of ECHA new publications.

Our boards do not contain Substances of Very High Concern above 0.1% w/w according to the latest update of the candidate list known at the date this document was issued<sup>2</sup>.

<sup>1</sup> For a food contact Declaration of Compliance (DoC) please ask your DS Smith contact

<sup>2</sup> Issue Date on the last page after signature field

<b>Title:</b> EU Declaration of Compliance Non-Food contact Packaging		<b>Issued by:</b> Alexandre Roumaneix
<b>Review Date:</b> 27 <sup>th</sup> May 2019		<b>Issue Number:</b> 4
<b>Classification:</b> Public	<b>Area:</b> Design, Research and Development – Food Contact	<b>Number of Pages:</b> 3

## General Information on product and hazard

### 1. Constituents

1.1 The main constituent of corrugated fibreboard is paper that forms the facings and the corrugated centre of the board. In case of recycling material is used, the packaging may contain a variable amount of post-consumer recycled fibres.

1.2 In converting paperboard into corrugated packaging, there are three basic components added to the paperboard.

1.2.1 Corrugator Adhesive - predominantly starch and water with very small quantities of caustic soda and borax. The starch is added at approximately 0.4%, and will usually be from maize (corn) or wheat.

1.2.2 Inks

a) Flexographic - predominantly water based in the corrugated board industry, and normally added at a level of less than 0.2% of the total board weight. Inks consist of pigments, and resin binders.

b) Offset Lithographic - which, although they are predominantly oil based, they are not based on Mineral Oils, and normally added at a level of less than 0.2% of the total board weight

Or

c) Digital - predominantly water based and normally added also at a level of less than 0.2% of the total board weight

No heavy metals or dangerous solvents are used in modern inks for corrugated packaging.

1.2.3 Flange Adhesive - is applied at less than 0.1% of the total board weight, and comprises of a water-based emulsion of Polyvinyl Acetate.

1.3 There are further components used in some corrugated products. It is unlikely that these will constitute more than 3% of the product by weight.

1.3.1 Polythene films, usually comprising either polyethylene or polypropylene.

1.3.2 Acrylic polymer coatings.

1.3.3 Metal stitches (or staples).

1.3.4 Tear tapes.

1.3.5 Hot melt sealing adhesive.

1.3.6 Plastic fittings.

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## 2. Hazards

Safety during production:

- 2.1 Corrugated board is flammable with a combustion temperature of 233°C. Paper fires may be extinguished with water if there are no other hazards that prohibit the use of water.
- 2.2 Care should be taken when handling corrugated board by its edges to avoid paper cuts. The use of gloves is recommended when handling board.
- 2.3 Machines running corrugated board products should be cleaned regularly to avoid the build-up of paper dust.
- 2.4 Corrugated board is not known to present any toxicological hazard.

## 3. Disposal

- 3.1 Corrugated board can be safely recycled, or disposed of by incineration for energy recovery.

Site and full address:

Name:

Position:

Contact:

Signature:

Issue Date:

This declaration is valid maximum 1 year from issue date<sup>3</sup>

<sup>3</sup> Unless legislation, manufacturing process, final intended application or any other requirements that affect the compliance of the product(s) supplied have significantly changed

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