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TOYO INK BRASIL LTDA

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Statement of Composition of the following Printing Inks Used in the Manufacture of Food Packaging

Products:

TK PANTONE (all especial colors and Pantones Bases of TK (Toyo King) Family are included in this family)

Regulation (EC) No 1935/2004¹ requires that materials and articles which, in their finished state, are intended to be brought into contact with foodstuffs or which are brought into contact with foodstuffs, must not transfer any components to the packed foodstuff in quantities which could endanger human health, or bring about an unacceptable change in the composition or deterioration in organoleptic properties. This means that the manufacturer of the finished article and the filler have the legal responsibility that the food packaging is fit for its intended purpose.

Provided that our products listed above are used according to the information given in the Technical Data Sheet and correctly processed, and provided that the food packaging is designed in a way that there is no intended direct food contact with the print, we hereby confirm that our products will in principle allow compliance of the final product with Regulation 1935/2004.

- 1) Toyo Ink Brasil's products are formulated and manufactured in accordance with the "EuPIA Guideline on Printing Inks applied to the non-food contact surface of food packaging materials and articles".
- 2) The products listed above are formulated in such a way as to minimize potential migration through the substrate or the set-off from the printed outer side to the food contact surface in the stack or the reel, having taken into account the purpose for which they have been designed. Note that set-off and migration are also dependent on the processing conditions and sufficient barrier properties of the substrate.
- 3) Toyo Ink Brasil's manufacturing location is qualified into Quality Control Systems and policies in quality improvement based in the ISO 9000 and ISO 14000 standards.

¹ Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on Materials and Articles intended to come into Contact with Food and repealing Directives 80/590/EEC and 89/109/EEC, OJEU L38 of 13.11.2004

² Commission Regulation (EC) No 2023/2006 of 22 December 2006 on good manufacturing practices for material and articles intended to come into contact with food. OJEU L384 of 29.12.2006

³ ISO 9001 International Standard for Quality Management Systems

4) This series does not contain in their formulations toxic heavy metals such as Cadmium, Lead, Mercury or Chromium (VI).

The total amount of heavy metals, present because of inevitable technical pollution, stays below 100 ppm (= 0,01% by weight). As a consequence, it is far below the European norm for Toys for children EN71/3, or the American counterpart ASTM F 963-95 (secs. 4.3.5.1– 4.3.5.2 and 8.2.–8.3.), or the CONEG-legislation, and the inks and varnishes conform to the European resolution AP(96) 5 (which is the logic result of the German BgVV recommendation IX) and the European Directive 2004/12/EC.

5) Furthermore, the inks and varnishes comply with the limitation on vinylchloride, i.e. the restriction to produce products that contain more than 25 mg/kg PCB or PCT (dated 18/7/89). At last, these products conform to RoHS Directive 2002/95/EC (and its amendment 2004/19/EC), concerning the flame retardants (PBBs and PBDEs).

6) The inks Produced by Toyo Ink Brasil are considered 100% vegetable oil content and 0% VOC level due to non-mineral oil content in resins and solvents used in the formulation, being in accordance to NAPIN and ASA (American Soybean Association).

Disclaimer

The information contained herein is based upon data believed to be up-to-date and correct at the time of writing. It is provided to our customers (and/or Analytical Contractors) in order that they are able to comply with all applicable health and safety laws, regulations, and orders. In particular, customers are under an obligation to carry out a risk assessment under relevant Good Manufacturing Practices (GMP) in-line with EU food contact legislation and as a result take adequate risk management measures to protect food consumers.

Since the application and conditions of use are beyond our control, the information provided does not represent a guarantee of any kind for the final printed product. The product's performance and its suitability for the customer's purpose depend on the particular conditions of use and the material being printed. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. There is no implied warranty of merchantability or fitness for purpose of the product or products described herein.

Clelson Pereira de Souza

Gerente Técnico

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