

Flint CPS Inks Germany GmbH, 70469 Stuttgart

To whom it may concern

Date 2/5/2019  
Name Dr. Roland Thiem  
Department Regulatory Affairs & Technology Management  
Direct line +49 711 9816-747  
Fax +49 711 9816-509  
E-mail roland.thiem@flintgrp.com

## Safety of toys, 2009/48/EC, EN 71-3 / Flint CPS Offset Products

Dear customer,

Detailed information on the subject 'safety of toys' is given in the relevant EuPIA statement – see attachment. It is important to point out, that the ink manufacturer cannot take responsibility for the compliance of the finished toys.

However we can confirm that our BIO allow to print materials that are compliant to regulation 2009/48/EC and standard EN71/3.

### Metal content

To allow worst case calculations on the content of metals listed in EN 71-3:2013 A3:2018 we can provide the following information:

The metals / elements antimony Sb, arsenic As, boron B, cadmium Cd, chromium(III) Cr(III), chromium(VI) Cr (VI), lead Pb, mercury Hg, nickel Ni, selenium Se, strontium Sr, tin Sn and their compounds as well as tin-organic compounds are not used intentionally as raw materials for the above mentioned products supplied by Flint Group listed in Annex I. The traces of ubiquitous impurities of these metals in our products are normally below the limits 'category III' (table 2 EN 71-3:2013 A3:2018) according to information collected from our raw material suppliers and own experience; no analytical testing has been carried out.

Intentionally added metals in offset inks and varnishes supplied by Flint Group (typical values – deviations may occur in same products)

Copper Cu content - in blue process inks up to 2,5% (due to P.B. 15:3)  
Aluminium Al content - in all inks due to additives up to 2%  
Manganese Mn content - in inks containing Mn siccatives up to 0,3%  
Barium Ba content - in red spot colours containing P.R. 48:1 or P.R. 53:1 up to 6%  
Aluminium Al content - in all inks due to additives up to 2%  
Aluminium Al content - in silver metallic inks up to 30%  
Copper Cu content - in gold metallic inks up to 40%  
Zinc Zn content - in gold metallic inks up to 10%

Flint CPS Inks Germany GmbH  
Sieglesstraße 25  
70469 Stuttgart  
T +49 711 98 16-0  
F +49 711 98 16-700  
E info@flintgrp.com  
I www.flintgrp.com

Managing Directors:  
Martin Sauer  
Georg Strierath  
Jürgen Krampert

Registered Seat of the Company:  
70466 Stuttgart  
Registration Court:  
Amtsgericht Stuttgart  
Eintragungsnummer HRB 762806  
FA: Stuttgart  
99030/07089

Bank Account:  
Deutsche Bank AG, Stuttgart  
IBAN: DE66 6007 0070 0160 5088 00  
BIC-CODE: DEUTDESS

Phthalates are not added as constitutional parts of the formulation of our sheetfed printing inks.

## **Disclaimer**

Since the application and conditions of use are beyond our control, the information provided does not represent a guarantee of any kind. 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.

Regards

Flint CPS Inks Germany GmbH



Dr. Roland Thiem