



CHINA ROHS II

Durst UV LED Inks

Durst confirms that the Durst UV LED inks are compliant with the Administrative Measures for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products (China RoHS II) as dated from July 1, 2016. The substances excluded under China RoHS II are cadmium (Cd), mercury (Hg), lead (Pb), hexavalent chromium (CrVI), polybrominated biphenyls (PBBs), polybrominated diphenyl ethers (PBDEs). None of the Durst UV LED inks are based on these materials.

Any trace impurities are present well below the maximum allowable levels specified in the legislation: For lead, mercury, hexavalent chromium, PBBs and PBDEs, the maximum allowable concentration is 0.1 % per weight. For cadmium, the corresponding maximum allowable concentration is 0.01 % by weight.

Specifically, by reference to our raw material suppliers' data, levels of single contaminating heavy metals, soluble in 0.1 M hydrochloric acid, expressed as content in dried ink film will not exceed:

Antimony (Sb)	125	ppm
Arsenic (As)	25	ppm
Cadmium (Cd)	25	ppm
Chromium VI (Cr (VI))	50	ppm
Lead (Pb)	50	ppm
Mercury (Hg)	12	ppm
Selenium (Se)	50	ppm

In any case, the combined content of lead, mercury, chromium (vi) and cadmium will not exceed 100 ppm.

Random analyses of inks indicate that typical levels are significantly lower than the limiting values shown above.

We stay at your disposal for any further questions.

Best regards,

A handwritten signature in blue ink, appearing to read "S. Kappaun", written over a blue horizontal line.

Dr. Stefan Kappaun, MBA

Executive Vice President Inks and Fluids
Durst Group AG