Ink Statement LFP & Graphics
April 04, 2022
Durst Group AG
Brixen, Italy

TOY STANDARD DIN EN 71-3

Durst UV LED Inks

The European Toy Standard DIN EN 71 Part 3 limits the concentration of specified heavy metals in the coatings used on toys, including aluminum, antimony, arsenic, barium, boron, cadmium, chromium(III), chromium(VI), cobalt, copper, lead, manganese, mercury, nickel, selenium, strontium, tin, organotin compounds and zinc.

A test report on Durst UV LED inks from the independent Institute for Lacquers and Paints Magdeburg (Institut für Farben und Lacke Magdeburg GmbH) confirms that the inks are suitable as a “cover” for toy materials. The elements are below limit values according to DIN EN 71-3:2019+A1:2021.

Even though Durst UV LED inks are considered as suitable for toy applications according to DIN EN 71-3, please note that the full toy standard requires testing of the finished product. In relation to other parts of DIN EN 71 it is the responsibility of the toy manufacturer to ensure that the finished article does not present a danger to health.

We stay at your disposal for any further questions.

Best regards,

Dr. Stefan Kappaun, MBA
Executive Vice President Inks and Fluids
Durst Group AG