

## Declaration of non-use of

# Substances restricted under the European RoHS Directive and the “China RoHS” [RoHS = Restriction of Hazardous Substances]

In the manufacture of all products supplied by Siegwirk, substances and elements restricted by European and China RoHS, or raw materials containing these substances and elements, are not used as intentionally added ingredients:

- Lead
- Mercury
- Cadmium
- Hexavalent chromium
- Polybrominated biphenyles (PBB)
- Polybrominated diphenyl ether (PBDE)
- Bis(2-ethylhexyl) phthalate (DEHP, CAS 117-81-7)
- Butyl benzyl phthalate (BBP, CAS 85-68-7)
- Dibutyl phthalate (DBP, CAS 84-74-2)
- Diisobutyl phthalate (DIBP, CAS 84-69-5)

Nevertheless, the presence of traces of these substances and elements in the product - in most minute but measurable amounts, coming from raw material impurities, from the process or as adventitious contaminants - cannot be fully excluded.

### Regulatory Background:

The European Directive **2011/65/EU and its amendments**, including the so-called **RoHS 3** directive (EU) 2015/863, restricts the use of the above mentioned flame retardants, phthalate esters and heavy metals in electrical and electronic equipment to 0.1% (w/w), the only exception being cadmium with a limit of 0.01% (w/w). The percentage is to be determined on the homogeneous material of the electrical or electronic constituent, but not on the individual sub-components, such as the printed layers made by the application of printing inks. It aims to facilitate the implementation of the Directive 2012/19/EU (WEEE directive) on measures on the collection, treatment, recycling and disposal of waste electrical and electronic equipment (WEEE) via minimization of the waste management problems.

On the 21<sup>st</sup> of January 2016 the Chinese Ministry of Industry and Information Technology (MIIT) published its final revised version of the Administrative Measures for the Restriction of the Use of Hazardous Substances in Electrical



and Electronic Products (known as **China RoHS 2**). The new regulation came into force on 1 July 2016. Detailed concentration limits are set by **GBT 26572-2011; Requirements on concentration limits for certain restricted substances in electrical and electronic products**. Lead, mercury, hexavalent chromium, polybrominated biphenyls (PBBs), polybrominated diphenyl ethers (PBDEs) shall not exceed 0.1% and the content of cadmium shall not exceed 0.01%.

**Based on these facts, Siegwirk can assure you that in all Siegwirk products, the potential impurities of substances and elements restricted under RoHS (Europe and China) are far below levels of concern and/or thresholds applicable to printed constituents of electronic information products as well as of electronic and electrical devices.**

The information in this document reflects Siegwirk's policy and commitments. This statement is valid without signature.