

Information about Printing on Toys

Suitable Marabu inks

Screen/Pad

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Any product which is made available on the market must meet various legal requirements. Toys are subject to particularly high safety requirements.

Almost all Marabu ink lines meet the printing ink-related requirements which are defined by the "Directive on the Safety of Toys (2009/48/EC)", and further specified by the DIN Standards EN 71 (e.g. EN 71-3). **However, this does not automatically mean that they may also be used for printing onto toys.** In addition to these main requirements, there are other general or special legal requirements (depending on the type of toy) that must be fulfilled (e.g. REACH Annex XVII (e.g. PAHs) or the RoHS requirements).

Even if all these requirements apply to the finished toy, the printing ink that is used must meet various requirements to enable the toy manufacturer to produce a compliant toy.

Marabu, as a manufacturer of high-quality printing inks, is aware of its responsibility to people and the environment, especially for such sensitive applications. Apart from their technical suitability, and taking into account **all** legal requirements, we can recommend the following Marabu ink series for printing onto toys:

- Libra Gloss **LIG***
- Mara® Tech **MGO**
- Tampa® RotaSpeed **TPHF**
- Ultra Graph **UVAR***
- Maqua® Color **MAC**
- Mara® Star **SR***
- Tampa® Tech **TPT***
- Ultra Pack **UVFP**
- Maqua® Coat **MAF**
- Tampa® Glass **TPGL***
- Tampa® Tex **TPX**
- Ultra Pack **UVK**+
- Mara® Flex **FX***
- Tampa® Plus **TPL**
- Ultra Pack **UVC***

When selecting the raw materials for the basic shades of the above-mentioned inks, no substances regulated for the printing of toys are used (e.g. heavy metals in accordance with EN 71-3 or PAHs in accordance with REACH Annex XVII), or only in such quantities and/or types that comply with the specifications. (For various reasons, there are individual exceptions to the colour series marked with*; for example, the black pigment may contain PAHs. We will be happy to help you to choose the right products or alternatives!)

In order to check compliance with the legal limits, random tests are continuously carried out with selected products. However, this information does not guarantee the properties of the final product. Due to the sometimes very low limits of the regulated substances, which are in the range of trace impurities, it is not possible to guarantee compliance with these values without analysis of the finished product. Compliance of the finished toy with current legal regulations lies within the toy manufacturer's responsibility.

In the event of any queries, please do not hesitate to contact:

Dirk Friedrich, Head of Product Safety, Phone: +49 7141 691 351, fri@marabu.com