

# ZMN

## The conventional and safe screen printing ink

The user-friendly solvent-based alternative for printing on sensitive and demanding technical

products

#### A TRUE ALTERNATIVE

### A modern ink system meeting the high market demands

UV technology is already "state of art" for many industrial screen printing applications, however there are still many applications for solvent-based ink systems.

Ink type ZNM is a true alternative for packaging, automotive applications, domestic appliances or electrical engineering applications. Because of the very environmentally compatible formulation ink range ZMN is a modern ink system which meets the high market demands of today, especially for extremely sensitive printing applications.

Thus this ink system is successfully used for printing on cosmetics packaging materials and also baby articles.





#### **TECHNICAL DATA**

■ Ink Type Screen printing ink

2-component

■ Base: Solvent-based ink

■ Gloss level: Very high

■ Drying speed: Medium

■ Hardener: ZH/12

ZH/N

For:

PC

РММА

PP, PE

**Coated substrates** 

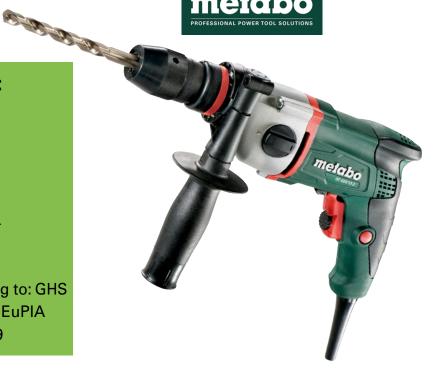


#### **ZMN RANGE IS FREE OF:**

- Aromatics
- Bisphenol A (BPA)
- Butyl glycolate (GB-Ester)
- Cyclohexanone
- Phthalates
- Polycyclic aromatic hydrocarbons (PAH)\*
- Solvent Naphtha

Low hazard classification according to: GHS Compliance with: RoHS, REACH, EuPIA

Toy Standard: DIN EN 71-3:2019



#### THE ALLROUNDER

#### with outstanding printability

ZMN is a genuine 2-component system with excellent light and weather resistance. It shows eminent abrasion resistance in combination with a high chemical resistance. Due to the very broad range of applications this ink system is a true industrial allrounder for substrates such as PC, PMMA, PP and PE as well as coated surfaces. The outstanding printability complements the performance of this ink series.

This ink series was formulated with especially enviromentally compatible raw materials to be in line with current safety requirements. All colour shades\* of ZMN range as well as the thinners and additives we recommend for adjusting the ink contain neither aromatics, butyl glycolate (GB-Ester), cyclohexanone, Bisphenol A (BPA) nor polycyclic aromatic hydrocarbons (PAH).

In addition, this ink system fulfils all necessary criteria for obtaining the GS mark (category 1) according to GS specification AfPS GS 2014:01 PAH \*.

More technical information and samples are available upon request.







<sup>\*</sup> Exception: Standard colour shade -65 black and N50 C-Mix 2000 black and mixtures with these two shades. For information about PAH-reduced alternatives please refer to product data sheet ZMN.