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Pad Printing Inks

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 ZMN 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
PMMA
PP, PE
Coated substrates

metabo
PROFESSIONAL POWER TOOL SOLUTIONS



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 71-3:2013

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 environmentally 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.

STAEDTLER



* 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.