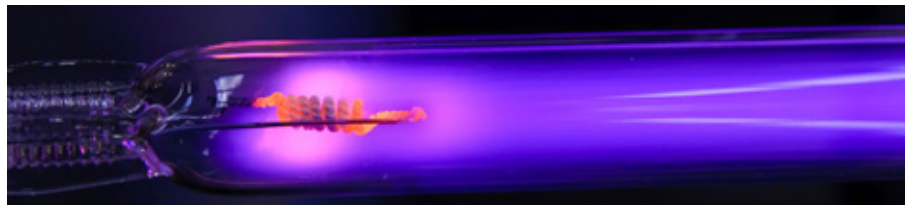


PRODUCT GROUP 500

Series 510

UV-CD Screen Printing Ink



Glossy UV-Screen printing ink for decorative and functional printing of CD's, CD-Rs, Blu-ray discs and DVDs. Because of the mild monomer- and oligomer ingredients, there will be no negative influence on the underlying spin coats. Field of application is the whole range of CD printing, taking into account the requested resistances, from the perspective of storage and transportation/shipment (climate change resistance while maintaining the respective characteristics like red noise and block error value) as well as from the perspective of later use (detergent resistances, mechanical resistance, no additive migration, a. s. o.). This UV ink system is based on modern raw materials and does not contain any free amines.

Since the raw materials involve acrylic acid ester, the usual safety and due diligence regulations are applicable (leaflet BG for UV inks).



DIGITAL

SUBSTRATES

Freshly polymerized UV-spin coats	Polycarbonate
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USE

Application	CD and DVD printing
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FLEXO

PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	120-34 Y PW PET 1000 up to 165-27 Y PW PET 1000
Drying / Curing	250 mJ/cm ² (Technigraf Integrator)
Further Processing	-



FUNCTIONAL COATINGS

ADDITIVES

Thinner	Press ready	Addition Ratio	-
Retarder	Press ready	Addition Ratio	-



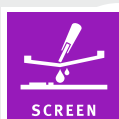
PAD

VARIOUS

Delivery Conditions	1 kg / 5 kg / 20 kg
Other	Stir well before use; protect from direct light. For any modifications necessary for special applications, a UV thinner (Series 510-017) or initiators (for white color shades, Series 500-019 and for other colors, Series 500-020) are available. For white, Series 510-00/707 only Series 10-63795 shall be used.



PREPRESS



SCREEN

Disclaimer

Please thoroughly read the Material Safety Data Sheet (MSDS) prior to processing. The Material safety Data Sheets according to 91/155/EWG form, contain indications of hazardous ingredients. Exposure levels and instructions for precautions when processing, handling and storing as well as first aid. The information given in the MSDS refers to the processing as described within this technical leaflet. Above data are based on laboratory tests and field experience. All therein contained statements are to the best of our knowledge without any obligation from our side and do not discharge from testing the product by yourself. In doubtful cases, you are kindly requested to either perform your own tests or refer to our technical staff. Application, use and processing of the delivered products are beyond our control and are therefore at your own risk and responsibility. Printcolor is thus free from any guarantees or liabilities. In cases of justified complaints, Printcolor can only be made liable for the counterpart of the utilized ink system. Adding not stated products or foreign / competitors products, is solely at your own risk and liberates Printcolor of any later calls; especially in cases when damages occurred and which have been caused through use of products of foreign type. This leaflet replaces all former issues. (07/2011)