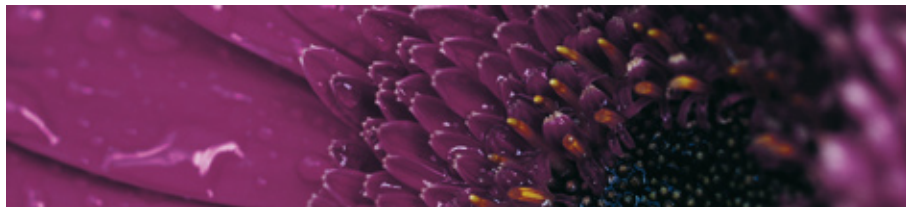




## PRODUCT GROUP 500

### Series 510

UV Screen Printing Ink for CDs



High glossy UV screen printing ink based on none skin irritating and solvent free basic raw materials for decorative and functional printing of CD's, CD-R's, Blue Ray Discs and DVD's. Because of its mild monomer- and oligomer components, lower spin coats are not negatively influenced. Its application covers the whole spectrum of CD-printing with all the necessary resistances; be it regarding storing and transportation (climate resistance in respect to relevant data like "Red Noise" and "Block Error" value) or also regarding further use (detergent resistance, mechanical abrasion, odor free, no additive migration, a.s.o.).

This modern UV ink system is based on none skin irritating and none sensitizing raw materials (OECD 404 and OECD 405), does not contain amines and is free of physiological disturbing materials. However, since these UV inks are still part of a highly reactive system, the usual care and attention should be paid when handling it.



#### SUBSTRATES

Freshly polymerized UV spin coats

Solvent based protection varnishes



#### USE

**Application**

CD printing



#### 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<sup>2</sup> (Technigraf Integrator)

**Further Processing**

-



#### ADDITIVES

**Thinner**

Press-ready

**Addition Ratio**

-

**Retarder**

Press-ready

**Addition Ratio**

-



#### VARIOUS

**Delivery Conditions**

1 kg / 5 kg / 20 kg

**Other**

For modifications in regards to specific requirements, Printcolor offers the user an appropriate thinner, (Series 510 017) or initiators (Series 500-019 for white color shades and Series 500-020 for colored shades [chromatics]).



#### 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. (04/2009)



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