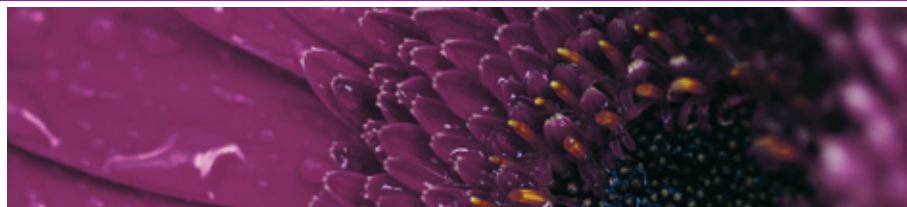




PRODUCT GROUP 500

Series 575-049/029

UV-Binder for Phosphorescent Pigments



With help of Series 575-049/029, one will be in a position to produce flexible, as well as nearly universal adhere UV based phosphorescent layers in screen printing application. Because of carefully chosen raw materials, up to 70% of phosphorescent pigments can evenly be processed. Next to specific dispersing additives this binder system also contains anti-separation additives which are lessening a sedimentation of very heavy phosphorescent pigments. This way, glow-in-the-dark inks with high luminosity can be produced and which also have an excellent pot time, even in mixed/finished condition.



SUBSTRATES

Soft-PVC / Rigid-PVC	PC*	PS
PET-G / PET-A*	Coatings	Metals*



USE

Application Phosphorescent Inks (decorative screen printing); Escape-route signals, Security signs



PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	43-80 Y PW PET 1000 up to 77-55 Y PW PET 1000
Drying / Curing	400-800 mJcm ² (Technigraf Integrator)
Further Processing	Cutting, punching



ADDITIVES

Thinner	Series 565-017	Addition Ratio	Up to 5% by weight
Retarder	Series 500-019	Addition Ratio	Up to 5% by weight



VARIOUS

Delivery Conditions	1 kg / 5 kg / 20 kg
Other	* after pre-tests



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. (11/2009)