

PRODUCT GROUP 700

Series 747 UV-Pad Printing Ink



High glossy, almost universally suitable UV-Pad printing ink for decorative and functional printing of various plastics, glass and metals. Easy to use system in the technical/industrial field for highest chemical and mechanical demands. Compared to conventional 2-component inks, this ink system offers the advantage of fast curing and extremely high durability.



SUBSTRATES

Rigid-PVC	Polyolefin, pre-treated	Polystyrene, ABS, SAN	PMMA, PET, -A, -G
Polycarbonate	Polyamide	Duroplasts, Glass	Metals and Coatings



USE

Application	Plastics for technical applications and industrially orientated printing segments (automotive, electric parts, pharmaceuticals, tools, toys, a. s. o.)
	Increasing of resistances (and adhesion on rigid materials) by means of hardener addition (+ 5% by weight Series 500-GL)



PROPERTIES, PROCESSING, DRYING AND CLICHÉ

Cliché	Steel / polymer
Drying / Curing	1000 mJ/cm ² (Technigraf Integrator)
Further Processing	Normal post-processes



ADDITIVES

Accelerator	Series 700-041	Addition Ratio	15 - 20 % by weight
Thinner	Series 700-019	Addition Ratio	15 - 20 % by weight
Retarder	Series 700-017	Addition Ratio	15 - 20 % by weight



VARIOUS

Delivery Conditions	1 kg / 5 kg
Other	Stir well before use; protect from direct light



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. (03/2009)