



## PRODUCT GROUP 200

### Series 278

Universal Screen Printing Ink for  
Decorative Printing



Highly opaque and glossy screen printing ink which can - by means of mixing with binder components Series 278 07 (glossy binder) and Series 278 07/MT (mat binder) - individually be set for printing onto various papers, paperboards, cardboards, plastic-, coating- and metallic materials. This ink line fulfills the most demands for an universal useable ink line.

In practice, 80% by weight of MS-basic color and 20% by weight of binder, Series 278 07 or Series 278 07/MT are being mixed (according to the Printcolor MS Mixing System). Printing on most of the plastics is possible by adding 20-50% by weight of Series 278 07. Applicable for decorative and graphic printing, indoor and medium-term exterior use. The addition of hardeners increase the resistances and extend the application and substrate spectrum.

According to PAH document ZEK 01 08 (testing and evaluation of polycyclic aromatic hydrocarbons) of the Ministry of Risk Assessment, Series 278 is fulfilling Category 2.



#### SUBSTRATES

Paper with coated surface (chalk- or plastics)	Cardboards, paperboards, cellulose	PS and modifications	Coatings
PVC-materials	PET (not coated)	Polyolefin foils, coated	Metal (with hardener, Series 600 HDA 4:1)



#### USE

<b>Application</b>	Advertisement printing on paper and paperboards, printing of posters
	Packaging and displays, foils, labels



#### PROPERTIES, PROCESSING, DRYING AND MESH

<b>Mesh</b>	77-55Y PW PET 1000 up to 150-31 Y PW PET 1000
<b>Drying / Curing</b>	Jet / air
<b>Further Processing</b>	Various possibilities of further processing, such as embossing, folding, punching, a. s. o.



#### ADDITIVES

<b>Thinner</b>	Series 278-017	<b>Addition Ratio</b>	10-20% by weight
<b>Retarder</b>	Series 278-018	<b>Addition Ratio</b>	10-20% by weight



#### VARIOUS

<b>Delivery Conditions</b>	1kg / 5kg / 25 kg
<b>Other</b>	Stir well before use



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#### 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 refer 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. (12/2008)