



Coates Screen

Product Data Sheet

PAD PRINTING INKS TP 272-NT

APPLICATION

For polystyrene, PMMA (acrylic glass), rigid and plasticized PVC and polycarbonate.

PROPERTIES

Pad printing inks TP 272-NT are quick drying. They show good opacity and a glossy finish. The prints are resistant against mechanic abrasion.

TP 272-NT inks show limited alcohol resistance and good weather resistance.

COLOUR SHADES

The colour shades of the TP 272-NT range show heavy metal free pigmentation and correspond to EN 71, part 3, safety of toys, migration of certain elements.

ADJUSTMENT FOR PAD PRINTING

Prior to processing pad printing inks TP 272-NT are adjusted with approx. 15-30% Additive B or Additive C. For retardation use TPD.

DRYING

Pad printing inks TP 272-NT are air drying, i.e. by evaporation of solvents. Drying time is approx. 30-60 seconds at room temperature (20-25°C; 68-77°F). Heat application and air circulation will reduce drying time to approx. 10 sec.

At room temperature TP 272-NT are cured after approx. 5-10 minutes.

CLEANING

For cleaning of stencils and tools our thinner VD 40 and Cliché Spray are suitable.

PACKING

Pad printing inks TP 272-NT are available in 1 liter cans.

SHELF LIFE

For information regarding shelf life please see tin label.

CLASSIFICATION

Read material safety data sheets prior to processing.

The material safety data sheets according to Regulation (EC) No 1907/2006 contain classification according to preparations directive (1999/45/EC) as well as instructions for precautions when processing, handling and storing as well as first aid.

The information given in the material safety data sheet refers to processing as described in this product data sheet.

STANDARD SHADES

citric yellow	TP 272/10-NT	dark blue	TP 272/33-NT
medium yellow	TP 272/11-NT	turquoise	TP 272/34-NT
dark yellow	TP 272/12-NT	violet	TP 272/36-NT
orange	TP 272/15-NT	light green	TP 272/40-NT
ochre yellow	TP 272/17-NT	fir green	TP 272/41-NT
light red	TP 272/20-NT	brilliant green	TP 272/42-NT
bright red	TP 272/21-NT	grass green	TP 272/44-NT
carmine red	TP 272/22-NT	dark brown	TP 272/51-NT
light blue	TP 272/30-NT	white	TP 272/60-NT
ultra blue	TP 272/32-NT	white, highly opaque	TP 272/60-HD-NT
		black	TP 272/65-NT

Other shades can be manufactured subject to our special ink shade regulation.

PROCESS COLOURS ACCORDING TO EUROPE SCALE

yellow	TP 272/180-NT
magenta	TP 272/181-NT
cyan	TP 272/182-NT

C-MIX 2000 BASE COLOURS

primrose	TP 272/Y30	violet	TP 272/V50
golden yellow	TP 272/Y50	blue	TP 272/B50
orange	TP 272/O50	green	TP 272/G50
scarlet	TP 272/R20	black	TP 272/N50
red	TP 272/R50	white	TP 272/W50
magenta	TP 272/M50	varnish	TP 272/E50

BRONZE INKS

rich gold	TP 272/75-AB-NT
rich-pale gold	TP 272/76-AB-NT
pale gold	TP 272/77-AB-NT
copper	TP 272/78-AB-NT
silver	TP 272/79-AB-NT

METAL GLOSS INKS

rich gold	TP 272/75-MG
rich-pale gold	TP 272/76-MG
pale gold	TP 272/77-MG
copper	TP 272/78-MG
silver	TP 272/79-MG

Other shades can be manufactured subject to our special ink shade regulation

The statements in our product and safety data sheets are based on our present experiences, however they are no assurance of product properties and do not justify a contractual legal relationship. They serve to advise our business associates, but it is absolutely necessary to make your own printing tests under local conditions, with regard to the intended purpose prior to starting the job. - All former product data sheets are no longer valid. APRIL 2008 – VERSION No. 4

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