



Coates Screen

Product Data Sheet

PAD PRINTING INKS TP 249-NT

APPLICATION

For polystyrene and acrylic glass (pill boxes, tubes etc.), polystyrene dishes, polystyrene plates, ABS and polycarbonate. In combination with mild thinners (VD 10) especially suitable for sensitive substrates, which tend to tension cracks.

PROPERTIES

TP 249-NT inks are quick drying, glossy and show good opacity. They are resistant against cosmetics (cremes and oils), dishwashing liquid and hand sweat.

COLOUR SHADES

Printing inks by Coates Screen Inks GmbH correspond to the requirements of the respective current version of the EUPIA exclusion list. Pigments and other compounds based on antimony*, arsenic, cadmium, chromium(VI), lead, mercury and selenium are not used.

*see footnote in EUPIA list

ADJUSTMENT FOR PAD PRINTING

Pad printing inks TP 249-NT are adjusted to printing consistency with 15-30% Additive A. Use TPD as retarder.

For printing onto sensitive substrates, which tend to tension cracks special thinner VD 10 is used instead of Additive A. VD 10 is a very mild solvent which does not cause tension cracks.

DRYING

TP 249-NT inks are air drying, i.e. by evaporation of solvents. At room temperature (20-25°C; 68-77°F) drying time is approx. 3 minutes. With heat application and air circulation drying time is approx. 20-25 seconds.

CLEANING

For cleaning of stencils and tools our thinner VD 40 or Cliché Spray can be used.

PACKING

TP 249-NT inks are available in 1 liter cans only.

SHELF LIFE

For information regarding shelf life please see tin label.

CLASSIFICATION

Read material safety data sheet prior to processing.

The material safety data sheet according to Regulation (EC) No. 1907/2006 (REACH) contains classification according to Regulation (EC) No. 1272/2008 (CLP/GHS) as well as instructions for precautions when processing, handling and storing as well as first aid.

STANDARD SHADES

citric yellow	TP 249/10-NT	light green	TP 249/40-NT
medium yellow	TP 249/11-NT	fir green	TP 249/41-NT
dark yellow	TP 249/12-NT	light brown	TP 249/50-NT
light orange	TP 249/14-NT	dark brown	TP 249/51-NT
orange	TP 249/15-NT	white	TP 249/60-NT
light red	TP 249/20-NT	white, highly opaque	TP 249/60-HD-NT
bright red	TP 249/21-NT	black	TP 249/65-NT
light blue	TP 249/30-NT	black, highly opaque	TP 249/65-HD-NT
ultra blue	TP 249/32-NT		

Other colour shades can be manufactured subject to our special production regulation.

PROCESS COLOURS ACCORDING TO EUROPE SCALE

yellow	TP 249/180-NT
magenta	TP 249/181-NT
cyan	TP 249/182-NT

C-MIX 2000 BASE COLOURS

primrose	TP 249/Y30	violet	TP 249/V50
golden yellow	TP 249/Y50	blue	TP 249/B50
orange	TP 249/O50	green	TP 249/G50
scarlet	TP 249/R20	white	TP 249/W50
red	TP 249/R50	black	TP 249/N50
magenta	TP 249/M50	varnish	TP 249/E50

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. MAY 2015 – VERSION No.5

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