



Coates Screen

Product Data Sheet

PAD PRINTING INKS TP 253-NT

APPLICATION

For printing onto textiles, rubber, leather, imitation leather and polyurethane.

PROPERTIES

TP 253-NT inks are quick drying semi gloss pad printing inks. They are elastic and show considerable forming resistance. TP 253-NT inks show medium opacity.

COLOUR SHADES

The colour shades of the TP 253-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

TP 253-NT inks have to be adjusted to printing consistency with 15-30% Additive A or the aggressive solvent VD 40. For retardation use TPD.

If higher mechanical resistance or increased adhesion are required TP 253-NT can also be processed as 2-component ink. Mixing ratio in parts by weight should be:

10 parts TP 253-NT : 1 part hardener TP 219/N.

The pot life of this mixture is approx. 8 hours.

DRYING

Pad Printing Inks TP 253-NT dry chemically or physically. Drying time is approx. 1-2 minutes at room temperature (20-25°C; 68-77°F). Heat application and air circulation will reduce drying time to 10-20 sec.

CLEANING

For cleaning of stencils and tools our thinner VD 40 is suitable

PACKING

Pad Printing Inks TP 253-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 253/10-NT	violet	TP 253/36-NT
medium yellow	TP 253/11-NT	light green	TP 253/40-NT
bright red	TP 253/21-NT	grass green	TP 253/44-NT
carmine red	TP 253/22-NT	light brown	TP 253/50-NT
light blue	TP 253/30-NT	white	TP 253/60-NT
ultra blue	TP 253/32-NT	black	TP 253/65-NT

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

PROCESS COLOURS ACCORDING TO EUROPE SCALE

yellow	TP 253/180-NT
magenta	TP 253/181-NT
cyan	TP 253/182-NT

C-MIX 2000 BASE COLOURS

primrose	TP 253/Y30	violet	TP 253/V50
golden yellow	TP 253/Y50	blue	TP 253/B50
orange	TP 253/O50	green	TP 253/G50
scarlet	TP 253/R20	black	TP 253/N50
red	TP 253/R50	white	TP 253/W50
magenta	TP 253/M50	varnish	TP 253/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. APRIL 2008 – VERSION No. 4

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