



Coates Screen

Product Data Sheet

PAD PRINTING INKS TP 282-NT

APPLICATION

For compact discs, polyester, polyamide, pre-treated polyolefines (polyethylene, polypropylene), coated substrates.

PROPERTIES

TP 282-NT is quick drying, has a good opacity and shows a glossy finish.

COLOUR SHADES

The colour shades of the TP 282-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

Pad printing inks TP 282-NT are adjusted to a ready-to-print consistency with 15-30% Additive A or special thinner VD 10. For retardation use TPV.

DRYING

The ink type TP 282-NT is air drying, i.e. by evaporation of solvents. At room temperature drying time is approx. 1-2 minutes. With heat application and air circulation approx. 10 sec.

At room temperature pad printing inks TP 282-NT are well cured after approx. 10 min.

CLEANING

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

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 282/10-NT | dark blue | TP 282/33-NT |
| medium yellow | TP 282/11-NT | blue-violet | TP 282/36-NT |
| light orange | TP 282/14-NT | violet | TP 282/37-NT |
| light red | TP 282/20-NT | light green | TP 282/40-NT |
| bright red | TP 282/21-NT | fir green | TP 282/41-NT |
| carmine red | TP 282/22-NT | dark brown | TP 282/51-NT |
| light blue | TP 282/30-NT | white | TP 282/60-NT |
| ultra blue | TP 282/32-NT | black | TP 282/65-NT |

PROCESS COLOURS ACCORDING TO EUROPE SCALE

| | |
|---------|---------------|
| yellow | TP 282/180-NT |
| magenta | TP 282/181-NT |
| cyan | TP 282/182-NT |

C-MIX 2000 BASE COLOURS

| | | | |
|---------------|------------|---------|------------|
| primrose | TP 282/Y30 | violet | TP 282/V50 |
| golden yellow | TP 282/Y50 | blue | TP 282/B50 |
| orange | TP 282/O50 | green | TP 282/G50 |
| scarlet | TP 282/R20 | black | TP 282/N50 |
| red | TP 282/R50 | white | TP 282/W50 |
| magenta | TP 282/M50 | varnish | TP 282/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. 3

Coates Screen Inks GmbH
Wiederholdplatz 1 90451 Nürnberg
Phone: 0911 6422 0 Fax: 0911 6422 200
<http://www.coates.de>