



Coates Screen

# Product Data Sheet

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## PAD PRINTING INKS TP 287-NT

### APPLICATION

For polystyrene and copolymers like ABS, Luran, SAN, paper cellulose acetobutyrate, PMMA (acrylic glass) and rigid PVC.

### PROPERTIES

TP 287-NT are quick drying, semi-gloss printing inks. They show good opacity, weather resistance and resistance against mechanical abrasion.

### COLOUR SHADES

The colour shades of the TP 287-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 287-NT are adjusted to printing consistency with 15 - 30 % Additive A or thinner BGA. Use TPD as retarder.

### DRYING

TP 287-NT are air drying, i.e. by evaporation of solvents.

At room temperature (20-25°C; 68-77°F) drying time is approx. 30 - 60 seconds. With heat application and air circulation drying time is approx. 10 seconds.

At room temperature TP 287-NT inks are fully cured after approx. 5 minutes.

### CLEANING

For cleaning of stencils and tools our universal cleaning agents URS or Screen Spray can be used.

### PACKING

TP 287-NT inks are available in 1 liter cans (approx. 1.06 qts.) only.

### SHELF LIFE

For information regarding shelf life please see tin label.

### MARKING

Read material safety data sheets prior to processing.

The material safety data sheets according to 91/155/EWG contain marking in compliance with the regulation on dangerous working materials 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 technical leaflet.

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## STANDARD SHADES

citric yellow	TP 287/10-NT	light blue	TP 287/30-NT
citric yellow, highly opaque	TP 287/10-HD-NT	light blue, highly opaque	TP 287/30-HD-NT
medium yellow	TP 287/11-NT	medium blue	TP 287/31-NT
medium yellow, highly opaque	TP 287/11-HD-NT	ultra marine	TP 287/32-NT
dark yellow	TP 287/12-NT	dark blue	TP 287/33-NT
dark yellow, highly opaque	TP 287/12-HD-NT	blue violet	TP 287/36-NT
light orange	TP 287/14-NT	violet, highly opaque	TP 287/37-HD-NT
orange, highly opaque	TP 287/15-HD-NT	light green	TP 287/40-NT
ochre yellow	TP 287/17-NT	light green, highly opaque	TP 287/40-HD-NT
light red	TP 287/20-NT	fir green	TP 287/41-NT
light red, highly opaque	TP 287/20-HD-NT	brilliant green	TP 287/42-NT
bright red	TP 287/21-NT	dark brown	TP 287/51-NT
bright red, highly opaque	TP 287/21-HD-NT	light brown	TP 287/50-NT
carmine red	TP 287/22-NT	white	TP 287/60-NT
carmine red, highly opaque	TP 287/22-HD-NT	white, highly opaque	TP 287/60-HD-NT
pink	TP 287/25-NT	black	TP 287/65-NT
		black, highly opaque	TP 287/65-HD-NT

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

## PROCESS COLOURS ACCORDING TO EUROPE SCALE

yellow	TP 287/180-NT
magenta	TP 287/181-NT
cyan	TP 287/182-NT

## C-MIX 2000 BASE COLOURS

citric yellow	TP 287/Y30	magenta	TP 287/M50
golden yellow	TP 287/Y50	blue	TP 287/B50
orange	TP 287/O50	green	TP 287/G50
scarlet	TP 287/R20	black	TP 287/N50
red	TP 287/R50	white	TP 287/W50
violet	TP 287/V50	varnish	TP 287/E50

*The statements in our leaflets 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 leaflets are no longer valid. APRIL 2000 – VERSION No. 1*

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