



Coates Screen

# Product Data Sheet

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## 2-COMPONENT SCREEN AND PAD PRINTING INK TP 253L

### APPLICATION

Screen and pad printing ink TP 253L is a 2-component ink which is processed with hardener TP 219L. This product is especially suited for printing onto silicone rubber substrates. TP 253L does not contain any conventional solvents (100% solids).

### PROCESSING

After mixing with hardener TP 219L, this ink can be processed without problems. The mixing ratio of ink to hardener is 10:1 parts by weight.

The prints have to be oven-cured for 15 minutes at a temperature of 160°C. The pot life of the mixture ink/hardener is approx. 24 hours.

If there result drying or adhesion problems, approx. 1-2% Additive S can be added. However, pot life can be reduced by adding Additive S.

Adjustment of processing viscosity:

1. Screen printing: up to max. 10% thinner SL.
2. Pad printing: 15-30% Zusatzmittel A  
If necessary approx. 1-2% retarder TPD

### CLEANING

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

### 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.

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**C-MIX 2000  
BASE COLOURS**

primrose	TP 253 L/Y30	violet	TP 253 L/V50
golden yellow	TP 253 L/Y50	blue	TP 253 L/B50
orange	TP 253 L/O50	green	TP 253 L/G50
scarlet	TP 253 L/R20	black	TP 253 L/N50
red	TP 253 L/R50	white	TP 253 L/W50
magenta	TP 253 L/M50	varnish	TP 253 L/E50

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*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 - All former product data sheets are no longer valid.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. 6*

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