



Coates Screen

Product Data Sheet

SCREEN PRINTING INKS MELAPRESS MP SPECIAL PRESSING INKS

APPLICATION

Melapress inks are special printing inks which can be pressed with melamine or phenolic resin at high pressure and temperature. These printed parts are used for decoration of table and counter tops and also for housing parts.

They can also be used for acrylic glass adhesive applications. Melapress shows good resistance against commercial adhesives and is thus suitable in the production of key rings and other decorative articles.

PROPERTIES

MP inks show a mat finish, which is ideal for above applications. They result in a good anchorage with transfer and melamine resin papers. They do not flow or bleed and show good definition.

CHOICE OF PIGMENTS AND LIGHT FASTNESS

Screen Inks MP only contain pigments with a light fastness of 7-8 on the wool scale. (DIN 16525).

The colour shades of MP inks show heavy-metal free pigmentation and correspond to the requirements of EN 71, part 3, safety of toys, migration of certain elements.

DRYING

Drying times are approx. 30 minutes. Heat application (approx. 50-80°C) will reduce drying time to approx. 5 minutes. Prior to further processing make sure that no solvents are retained in the ink film.

STENCILS

All solvent resistant commercial copy emulsions can be used.

CLEANING OF STENCILS AND TOOLS

Thinner VD 10 is recommended as cleaning agent. A mixture of approx. 20% VD 10 or white spirit and cleaning agent URS is also suitable.

PACKING

Screen inks MP are available in 1 liter containers.

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			
white	MP 60-NT		
black	MP 65-NT		
PROCESS COLOURS ACCORDING TO EUROPE SCALE			
yellow	MP 180-NT		
magenta	MP 181-NT		
cyan	MP 182-NT		
C-MIX 2000 COLOURS			
primrose	MP/Y30	violet	MP/V50
golden yellow	MP/Y50	blue	MP/B50
orange	MP/O50	green	MP/G50
scarlet	MP/R20	black	MP/N50
red	MP/R50	white	MP/W50
magenta	MP/M50	varnish	MP/E50
THINNERS AND RETARDERS			
thinner	VD 10, XVH		
retarder	VZ 10, VZ 20, VZ 30		

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

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