



Coates Screen

Product Data Sheet

RUB OFF INKS RUB

APPLICATION

Rub off inks RUB are special screen printing inks used to mask writing and symbols of winning tickets (lottery tickets). They are used to make the numbers invisible, even when holding into light. RUB inks are removed with a hard item, e.g. coin or fingernail.

Rub off inks are suitable for varnished substrates. Pre-printing screen varnishes and also various offset coatings (e.g. UV- or water based) are suitable. Pretests to check for rub off properties are necessary. Tests for rub off properties should only be carried out after the printed rub off lottery tickets have aged for some time. Ageing by heat influence, e.g. 50°C (122°F) for 48 hours.

PROCESSING

To achieve best possible adhesion these screen printing inks should be printed with a coarse fabric, not finer than 77 threads/cm. Printing consistency is adjusted with thinner AV.

Application of the pre-print varnishes has to result in a closed ink layer. Fabrics are chosen depending on absorbency of the paper. For extremely absorbent papers – coarser fabrics. For less absorbent papers – 120-34 (305 mesh); for conventional drying ink CP 70/31 or 140-165 threads/cm (355 420 mesh) polyester fabric for UV 70 RUB-150555.

DRYING

Rub off inks RUB are air drying screen printing inks. At room temperature they dry in approx. 15-20 minutes. At a temperature of approx. 40-50°C they dry in approx. 30-60 seconds.

PACKING

Screen printing inks RUB are available in 1 liter containers (approx. 1.06 qts).

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.

PRE-PRINT VARNISHES

pre-print varnish	CP 70/31
pre-print varnish	UV 70 RUB-150555

RUB OFF INKS

black, medium adjustment	RUB 65
gold shade, medium adjustment	RUB 76/05
silver grey, hard adjustment	RUB 79
silver grey, soft adjustment,	RUB 79/00
silver grey, medium adjustment	RUB 79/01
silver grey, ready to print adjustment, soft rub off properties	RUB 79/60
silver, rubber-like, soft rub off properties	RUB 79/61

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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