

UV ROTARY SCREEN INKS

1/2

Rowat Inks UV cured rotary screen inks are formulated to adhere to paper and top coated synthetic substrates. These products have excellent curing properties with a flexible dried ink film for a variety of different end use applications.

Excellent resistance properties are present in the ink film including heat, light and chemical resistance.

PRODUCT RANGE

Yellow, Orange, Warm Red, Rubine Red, Rhodamine Red, Violet, Process Blue, Reflex Blue, Green, Black, Dense Black; plus 4 colour process set, Opaque White & Silver . Under nonnal conditions, no reducer is necessary although one is available if print conditions and temperatures vary.

Shelf life 6 months

Products will in most cases exceed the guaranteed shelf life but if in any doubt, please contact our technical department. Protect from freezing and avoid prolonged heat above 28°C. Stir well before use as some separation may occur after storage.

PRODUCT COMPATIBILITY

Phoenix Inks rotary screen inks are fully compatible with all Phoenix Inks UV cured products. The URS series can be overprinted by both UV flexo and UV letterpress inks. They will also successfully overprint Phoenix UV flexo and UV letterpress inks.

PRINTINGCONDITTONS

- Stir well before use.
- Use a monofilament screen with between 300 -420 mesh.
- A dedicated UV squeegee of at least 70 durometer hardness is recommended.
- Inks can be reduced by up to 5% if conditions require.

CLEANING

Several proprietary UV cleaners are available with differing drying speeds. Our sales desk will be able to advise or send a data sheet on the various products.

Avoid skin contact or wear disposable gloves when handling UV cured products. If contact should occur, dry wipe excess ink and wash with soap and water. Do not use UV wash up or solvents to clean skin. Contaminated clothing should be professionally cleaned or disposed of.

WASTE DISPOSAL

Partially or uncured UV waste products may require special handling as they can be deemed hazardous waste by some local authorities. Please check with local regulatory bodies before disposal.

Clean up solvents and rags should be classified as hazardous waste and may be flammable. Ensure disposal is carried out in compliance with local and national regulations.

HANDLING

Although our products contain no known carcinogens, there is the possibility of skin irritation as with all UV cured products. It is therefore recommended that skin contact be avoided where possible. The use of barrier creams is strongly recommended.

Solvent resistant nitrile rubber gloves should be used when cleaning.

Avoid prolonged skin contact as sensitisation can occur. Sensitisation is a rare occurrence, but once affected a person will not be able to use the product or even be in the same area as opened containers.

Contaminated clothing should be cleaned separately or disposed of in sealed bags and classed as solid waste.

CAUTIONS

Always pre-test ink and substrate for adhesion and print characteristics before embarking on print runs.

As with all UV rotary screen inks, prolonged contact with water may detract from adhesion. Observe handling conditions before use.

Our specific test reports and recommendations do not constitute a guarantee of performance and do not relieve you from the obligation to test the goods for your own intents and purposes. All information is given in good faith and is correct to the best of our knowledge at the time of the last update.