



ADDITIVES For UV Inks

SIEGWERK carries a wide range of additives capable of adapting UV inks to special printing conditions or substrates :

- Anti-tack paste : to reduce the tack of the inks,
- Catalyst : to improve UV drying,
- Active reducer.

Only use additives compatible with UV inks.

ANTITACK PASTE

Ref. **81-470071-2** / **02ZI003400**

- This paste allows the ink to be altered to suit fragile substrates, thus minimizing picking.
- It is compatible with UV varnishing.

Proportion : 1 to 3 %

Packing size : Tin 1 kg (Packaging code : **1180**)

PHOTOINITIATOR

Paste :
Liquid :

Ref. **81-470069-6** / **02ZI001071**
Ref. **71-470108-3** / **02ZI003480**

- These catalysts are most often used in the presence of heavy film weight or high printing speeds.
- There are compatible with UV varnishing,
- Contrary to the catalyst paste, the catalyst liquid modifies the ink viscosity.

Proportion : 2 to 5 % for both paste and liquid.

Packing size : Paste (Ref. **81-470069-6** / 02ZI001071) : Tin 2.5 Kg (Packaging code : **1200**)

Liquid (Ref. **71-470108-3** / 02ZI/003480) : Drum 2 L (Packaging code : **1050**)

REACTIVE DILUENT

For plastic substrates

Ref. **71-470089-5**

- This reducer adjusts the viscosity of the UV offset ink for plastic.
- It is compatible with overprint varnishes.
- When adding a large quantity of reducer to the ink, add catalyst to prevent poor drying.

Proportion : 1 to 5 % maximum.

Packing size : Drum 5 l. (Packaging code : **2730**)

REACTIVE DILUENT

For paper and board substrates

Ref. **81-470072-0** / **02UI006342**

- This reducer adjusts the viscosity of the UV offset ink for paper and board.
- It is compatible with overprint varnishes.
- When adding a large quantity of reducer to the ink, add catalyst to prevent poor drying.

Proportion : 1 to 5 % maximum.

Packing size : Tin 1 kg (Packaging code : **1180**)



ADDITIVES For UV Inks

ANTIFRICTION PASTE

Ref. **81-470074-6** / 02ZI003450

- This paste/wax increases slipping and rub resistance of prints.
This additive is compatible with UV Flexo varnishing.

Proportion : 1 to 3 %

Packing size : Tin 1 Kg (Packaging code : **1180**)

HARDENER

Ref. **81-470124-9** / 02ZI000054

- Increases scratch resistance.
- This additive may impact significantly the slip level and hot stamping ability of the ink.
- The ability of UV Flexo varnishing, must be check before printing

Proportion : 3 to 5 %

Packing size : Tin 2.5 kg (Packaging code : **1200**)

This information is based on our experience and on results obtained in the laboratory, using specific processes and types of application. In view of the diversity of substrates and printing conditions, this data is communicated for information purposes only and is provided without any warranty on our part and must be authenticated by industrial tests before the products are used. Improvements are being made to our products on an ongoing basis and we therefore reserve the right to modify their composition as well as the contents of our technical data sheets. We disclaim any liability for applications for which this ink series is not foreseen.