



ADDITIVES FOR UV VARNISHES

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

- Reducer : to adjust the viscosity of the varnish
- Catalyst : to improve UV drying,
- Levelling agent : to improve the levelling UV varnish
- Slip agent : to increase the slip of the UV varnish.

Only use additives compatible with UV varnish.

REACTIVE DILUENT

Ref. **81-470120-7** / 12SI051651

- This reducer adjusts the viscosity of the varnish.
- When adding a large quantity of reducer to the varnish, add catalyst to prevent poor drying.

Proportion : 3 to 5 % maximum.
Packing size : Drum 10 l. (Packaging code : **2360**)

PHOTOINITIATOR

Ref. **81-470126-4** / 02ZI000050

- These catalysts are most often used in the presence of heavy film weight or high printing speeds.

Proportion : 3 to 8 % maximum
Packing size : Drum 2.5 l. (Packaging code : **1050**)

FLOW AGENT

Ref. **81-470070-4** / 02ZI000051

- This additive allows a good levelling of the varnish.
- This additive increases the slip level and changes the gluable and hot stamping characteristic.

Proportion : 2 to 4 %
Packing size : Tin 1 kg. (Packaging code : **1180**)

HOT STAMPING LEVELLING AGENTE

Ref. **81-470068-8** / 02ZI000053

- This additive allows a good levelling of the varnish.
- This additive does not change hot stamping characteristics.

Proportion : 2 to 4 %
Packing size : Tin 1 kg. (Packaging code : **1180**)

SLIP ADDITIVE

Ref. **81-470125-6** / 02ZI000052

- This additive increases the slip level of the varnish.
- This additive changes the gluable and hot stamping characteristics.

Proportion : 2 to 4 %
Packing size : Drum 2.5 l. (Packaging code : **1050**)



ADDITIVES FOR UV VARNISHES

WHITNESS AGENT

Ref. **81-470127-2** / **02ZA000056**

→ This additive increases the whiteness of the UV varnish

Proportion : 1 to 3 %

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

ANTIFOAM AGENT

Ref. **81-470123-1** / **02ZI000057**

→ This additive reduces the foam in the tub of the varnish unit.

Proportion : 1 to 3 %

Packing size : Drum 2.5 l. (Packaging code : **1050**)

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.