



TECHNICAL DATA SHEET

Date: 31.03.2017, Version: 2

Range name:

SICURA ADDITIVES – For UV varnishes

Description:

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.

Additives:

THINNER	Ref. 81-470080-3
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- This reducer adjusts the viscosity of the varnish.
- When adding a large quantity of reducer to the varnish, add catalyst to prevent poor drying.
- Do not use with Low migration UV varnishes, not suitable for food packaging, pharma or hygiene

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

PHOTOINITIATOR	Ref. 81-470126-4
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- These catalysts are most often used in the presence of heavy film weight of Flex UV varnish or high printing speeds.
- Do not use with Low migration UV varnishes, not suitable for food packaging, pharma or hygiene.

Proportion : 3 to 8 % maximum
 Packing size : Tin 2.5 kg. (Packaging code : 1200)

FLOW AGENT	Ref. 81-470070-4
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- This additive allows a good levelling of the varnish.
- This additive increases the slip level and changes the gluable and hot stamping characteristic.
- Do not use with Low migration UV varnishes, not suitable for food packaging, pharma or hygiene.

Proportion : 2 to 4 %
 Packing size : Tin 1 kg. (Packaging code : 1050)

HOT STAMPING LEVELLING AGENT	Ref. 81-470078-7
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- This additive allows a good levelling of the varnish.
- This additive does not change hot stamping characteristics.
- Do not use with Low migration UV varnishes, not suitable for food packaging, pharma or hygiene.

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



SLIP ADDITIVE	Ref. 81-470125-6
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- This additive increases the slip level of the varnish.
- This additive changes the gluable and hot stamping characteristics.
- Do not use with Low migration UV varnishes, not suitable for food packaging, pharma or hygiene.

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

ANTIFOAM AGENT	Ref. 81-470123-1
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- This additive reduces the foam in the tub of the varnish unit.
- Do not use with Low migration UV varnishes, not suitable for food packaging, pharma or hygiene.

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. These products are only suitable for use on the non-food contact side of food packaging, provided they are applied under the relevant Good Manufacturing Practices (GMP) and according to the information in this Technical Data Sheet. The printer, converter and packer/filler have the legal responsibility to ensure that the finished article is fit for the intended purpose and that the ink and coating components do not migrate into the food at levels that exceed legal and industry requirements.