



Gecko® COF Additive

Solvent based additives for flexible packaging
70GH287862

Description

A plurisolvant slip additive for ink and varnishes, designed to decrease COF on surface applications.

Printing process

Gravure and flexographic printing.

Applications

Surface printing only. This additive cannot be used in lamination applications and where catalytic oxidation units for exhaust are installed.

In combination with Gecko inks and varnishes for food and beverage flexible packaging.

Dosing

This additive can be added until the maximum amount of 5 % in the ink or varnish. It must be added to the ink or varnish before the dilution to printing viscosity. The COF decrease is directly related to the amount added. Hence, in order to obtain the desired effect, tests on the specific application should be performed before the production.

This additive should be used in combination with Defoamer GA (70GH287859), with the following mixing ratio: 2 parts 70GH287862 + 1 part 70GH287859.

Properties

Dry content	10 % ± 2	Colour	Transparent
Solvents	Ethanol / Ethylacetate		

Notes

Mixing

This additive must be added to the ink or varnish before the dilution to printing viscosity. Stir well the additive before the use and the final product after the addition, in order to ensure an optimal dispersion.

Instructions for the use of printing inks for the production of primary food packaging

For information on the use of printing inks, varnishes and additives for the manufacture of food packaging please refer to the respective „**Statement of Composition**". This information is provided to allow the calculation of possible levels of migration of evaluated substances in a worst case situation.

The manufacturer of the finished article and the filler have the legal responsibility to prove by appropriate migration testing that it is fit for its intended purpose.

In order to maintain low residual solvents concentration in the printed film, the printer must ensure sufficient drying of the inks, especially when retarders have been added. Residual solvent content must be regularly monitored.

The inks must not be used in the manufacture of packaging where the printed ink layer is intended to come into contact with foodstuff (direct food contact).

Health & Safety

The material safety data sheets contain all relevant information for the generation of appropriate internal plant instructions. The user is responsible for all local legislation requirements.

Ink Handling

Please refer to General Guidelines for handling inks for flexible packaging.

Storage Conditions

Store the material in the original packaging at a temperature not below 5°C and not in direct contact with sunlight.

Contact addresses for advice and further information can be found under www.hubergroup.com

Due to the many variables in materials for printing, design construction, processing conditions and test criteria, this Technical Data Sheet can only be of an advisory nature. Our data reflect the latest state of our knowledge and are based on the characteristics established in the laboratory and on practical experience. Because there are many factors under the control of the user which may affect processing or application/use, it is necessary for the user to carry out appropriate tests to determine whether the product(s) is technically and safely suitable for the particular purpose, prior to use. **hubergroup** disclaims any liability for applications for which this ink series is not foreseen. No warranties of any kind, either expressed or implied, are made regarding the products here described. The English version is the master document, on which to refer for any translations.