



Gecko® Transformation Additive

Solvent based additives for flexible packaging

70GH324934

Description

A plurisolvent, NC-based antiblocking additive, to be used in combination with NC-based Gecko products in surface printing application.

Printing process

Flexographic and gravure printing.

Applications

Surface printing only. This additive cannot be used in lamination applications.

In combination with Gecko NC inks and varnishes for food and beverage flexible packaging. This Additive cannot be used in combination with GFU FOG ink series.

Dosing

This additive can be used in the percentage of 5% to 10% in the ink or varnish. Normally, the addition of this additive decreases the COF of the ink or varnish. Take this effect in consideration for the final application.

Properties

Dry content	29 % \pm 2	Colour	White
Solvents	Ethanol / Ethyl Acetate		

Notes

Mixing

It is possible a premix of this additive in a dilution solvent before adding it to the final product. An in-can sedimentation of this additive is perfectly normal. 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).

There are restrictions for the use of printing inks for applications where temperatures above 100 °C for extended periods of time are applied. For details, please see document "Food Packaging Inks for High Temperature Applications".

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 10°C and not in direct contact with sunlight.

Storage Precaution: in the event of storage at temperatures lower than the minimum specified, some components of this product(s) may crystalize or agglomerate. To reverse this phenomenon and dissolve the solidified components, please store the product at 20° C for some hours and stir well with a mechanical stirrer with adequate sheer strength, until the product is homogeneous again. Your local Technical Support can advise on special measures to deal with specific situations.

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.