

PROVISIONAL TRIAL



Gecko[®] Antistatic Additive 2

Solvent based additives for flexible packaging

70GH578848

Description

A liquid antistatic additive for inks and varnishes, specific for surface printing applications, where there is the need to reduce the surface static charge on the printed product. Also suitable for increasing liquid metallic ink conductivity.

Printing process

Gravure and flexographic printing.

Applications

Surface printing only.

Increasing conductivity of liquid aluminium or brass-based inks.

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

Dosing

The addition amount may vary depending on the specific condition of the printed product. The maximum allowed amount is 5 % in the ink or varnish:

Depending on the type of metallic pigment and the amount of additive, the gloss level of the metallic ink may be reduced

A test before the production could be needed in order to determine the optimal addition amount.

Properties

Dry content	26 % ± 2	Colour	Slightly amber
Solvents	Isopropanol, n-Butanol		

Notes

Mixing

Stir well after adding the additive to the ink or lacquer.

Shelf-life

Depending on the specific ink formulation (e.g. type and concentration of metallic pigment, type and concentration of additional organic pigments) the tendency of a metallic ink to exhibit outgassing can increase after adding the additive.

We recommend to mix metallic ink and additive directly before starting production and to prepare only the quantity required for the production run. Press returns should be discarded rather than being re-used. If ink buckets of press returns are bloated, please open them very carefully – outgassing creates hazardous nitrous gases

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.