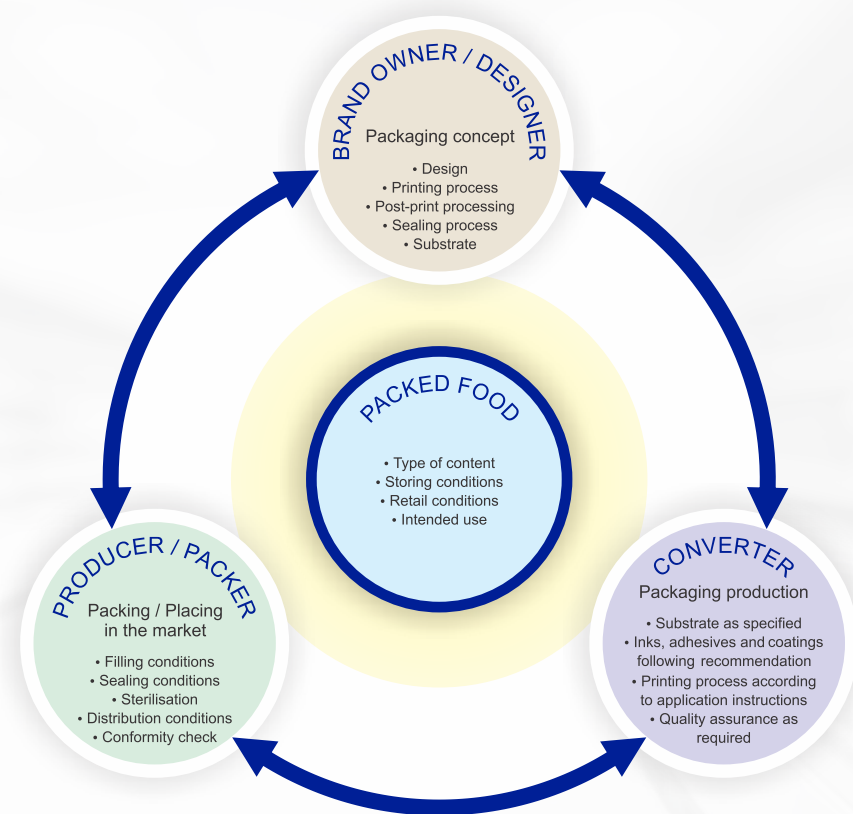




Responsibilities in the Food Packaging Production Process

Clear specifications of the packaging and proper communication during all phases of production is mandatory and helps avoid complaints. The majority of past complaints have been due to the use of materials not according to their intended purpose.

The diagram shows the pieces of information that need to be available by exchange between the parties involved. To produce a safe packaging, it is essential to know the type of product packaged, what production processes are to be used, what raw materials are used in packaging, and how the end product will be handled throughout its life cycle.



What is unique about Gecko?

Special formulations

Great care has been taken in creating ink formulations that fulfil safety requirements for food packaging. This is a rigorous process involving critical evaluation of raw-materials, proper understanding of regulations and consumer safety concerns. This requires enormous amount of analytical work before arriving at final conclusions.

Gecko inks do not contain toluene and ketonic solvents.

Regulatory compliance

The primary objective of regulatory compliance for food packaging is to protect the health of consumers. Gecko inks are fulfilling all the regulatory compliance of EuPIA guidelines & Swiss Ordinance. The raw materials selected and produced for formulating these inks are in compliance with required legislation for food safety.

GMP - Good Manufacturing Practices

The legal framework for GMP is laid down in Regulation (EC) No. 2023/2006. With respect to the production of food packaging, the Regulation demands that migration, organoleptic changes and contamination shall be prevented and compliance with requirements laid down be ensured. Manufacturing processes for Gecko inks strictly comply with these requirements.

You can find and visit all the companies that make up the **huber**group at:

www.hubergroup.com



Solvent based Flexible Packaging Inks



More than just ink ...





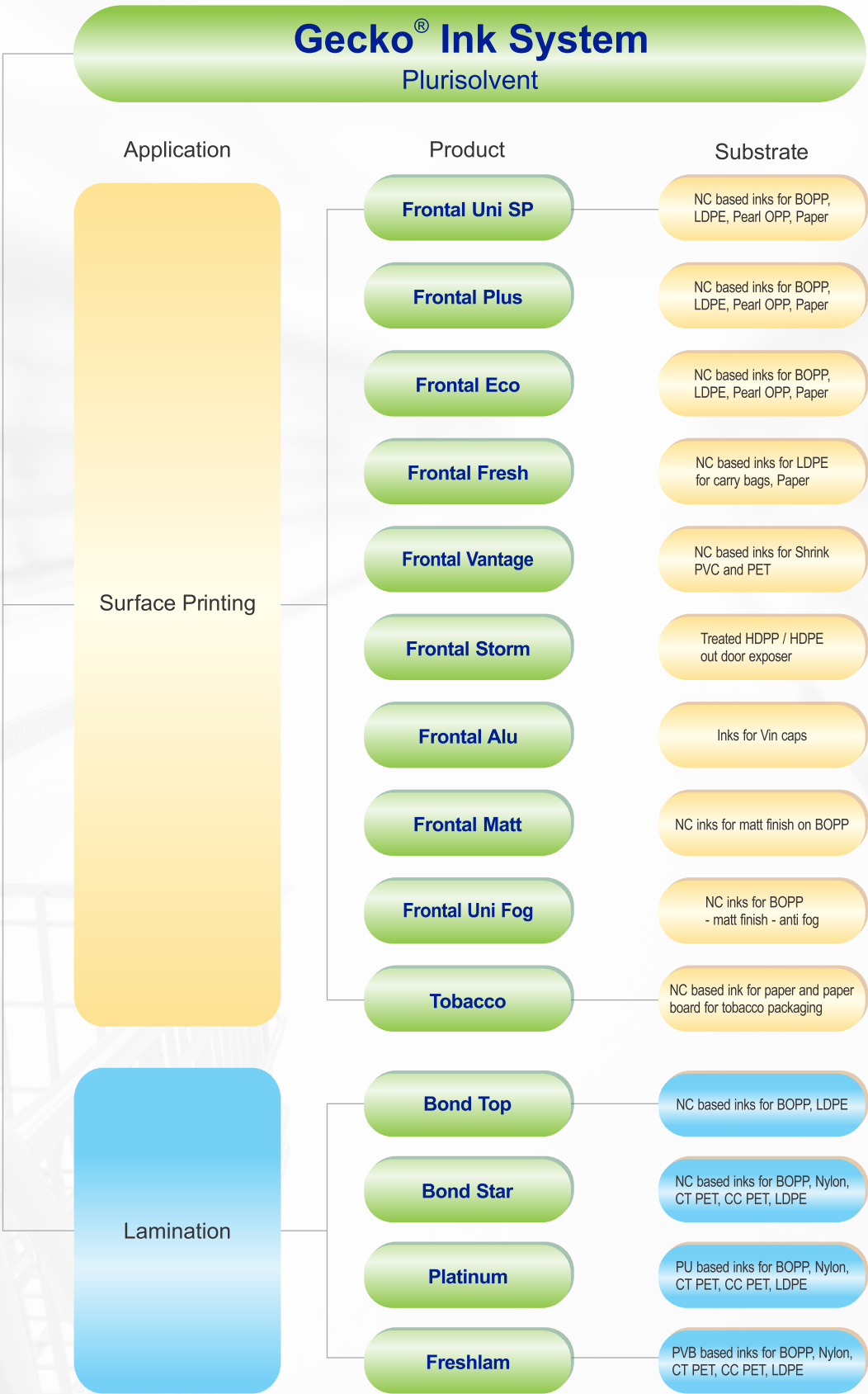
Gecko - Specifically designed to comply with today's high demands for food packaging

Packaging is continuously evolving to fulfil new demands in terms of protection properties, aesthetics, environment friendliness and safety.

Safety in particular needs special attention due to stringent regulatory requirements, especially in case of food packaging. Inks, being an integral part of packaging, need to be carefully designed to fulfil safety and regulatory requirements.

Hubergroup's Gecko range of solvent based inks for flexible packaging have been specifically designed to meet these requirements. Gecko is a unique modular ink system allowing to cover a multitude of applications with minimum of products and components. The core of the Gecko product range is the easy-to-use modular mixing system allowing to formulate the various ink series from the Gecko Base concentrate range. A large range of applications and fastness properties can be covered. The versatility of Gecko is underpinned by a broad catalogue of special products to meet the complex requirements of modern packaging.

Gecko is proven to be one of the most reliable ink systems in terms of printing and final packaging performance. It has been designed to keep productivity in all production processes at a very high level. Gecko helps you to optimize your ink management, reduce press returns and left over inks.



Gecko® Ink System - Monosolvent

Gecko inks are also available as a monosolvent system for specific applications by gravure process, both for surface printing and lamination applications. Implementation of monosolvent ink system requires detailed technical evaluation. Our experts will be happy to discuss this project in detail.

Gecko® Base Concentrates

Gecko inks can be offered as 'base concentrates' to enable in-house ink making at customer premises. With the help of available software, inks can be made for surface or lamination applications by mixing base concentrates with respective 'system additives'.

Gecko® - Lacquers and special products

- Heat seal lacquers
- Single pack over print lacquers
- Two pack over print lacquers
- Special effect lacquers
- Water based lacquers
- Hardeners
- Primers
- Special whites
- Metallics

Services

Consultation

We support your business on all questions around printing inks. Together we analyse your product portfolio, your requirements and the substrates with their print characteristics and mechanical properties. With that knowledge and our expertise we identify the range of materials needed to exactly match your application profile.

Ink management

Reduce your stocks and inventory as well as the mere volume of left over inks with our help. A perfectly tailored range of products offers great potential for savings and improved efficiency.

Application support

Our application specialists support you in reaching your productivity and quality goals. We share our knowledge of product safety, environmental protection, transport of hazardous materials and work environmental protection. We are your partners in continuous improvement.