



**HAPA INK** – Inks developed individually

# THE RIGHT INK IN ANY VOLUME

Looking for an ink designed for your application and volume needs? Then you're in the right place with Hapa Ink. We offer the flexibility to develop the ink for your print technology and processes, substrates, applications and products. Our complete services are guaranteed each customer, no matter the order volume.

By request, we fill your ink containers and package them to your specifications and private-label requirements.



## A DIVISION OF HAPA

Hapa Ink is a division of Hapa – the source of intelligent packaging print solutions for the pharmaceutical and medical industries. Under the banner “Swiss Ink Print Performance,” we develop, produce, and deliver individualized inks, which are printing on plastic, aluminum, glass, and labeling materials of all types.

# QUALITY DRIVEN

All the inks from Hapa have an above-average pigment content so that minimum quantities produce maximum results. Do you need a white ink that can meet exceptional specifications? The opacity of our white is unsurpassed – meeting cover requirements in a single pass.

Whether an ink is designed from scratch or individualized from our standard range to meet your needs, the print quality will impress you. The range of inks we offer includes:

- CMYK
- CcMmYyKk – for a larger color space
- Spot colors
- White of unsurpassed opacity
- Fluorescent and transparent inks

Discerning, safety-conscious clients from strictly regulated industries value our inks for their:

- Low migration
- Low setoff properties
- Low odor after curing





## YEARS OF EXPERIENCE AND KNOW-HOW

You profit from our specialists' experience, proficiency and profound know-how of printing systems, printing technology and industry-specific regulations. Hapa Ink specialists, for example, have developed products for applications requiring adherence to the EU Toys Directive. And all low-migration and low-set-off inks are composed of ingredients that meet the Nestlé Guidance on Packaging Inks.

## INK MIGRATION TESTS

Hapa Ink migration tests are done in close cooperation with established certified institutes. In a thorough and sophisticated process, we examine the interactions between components – substrate, product, print system and polymerization – in order to produce optimal results. Our proven approach ensures the individualized ink remains securely within your targeted migration standards and functions on your printing system.



# METICULOUS ANALYSIS, EXACT ADAPTATION

Our specialists analyze each and every application, carefully taking into account polymerization kinetics and curing times. The value of an ink's dynamic behavior of viscosity, surface tension, flow characteristics, adhesion and opacity to each respective print head is calculated – to optimize the jetability of each ink for the precise placement of the ink drops. Meticulous analysis and fine-tuning ensures exact adaptation of our inks to your substrate for your application.



# UNSURPASSED, ONE-STOP SERVICE

There's more that Hapa Ink offers. We're your complete partner, from the development of your individualized ink to its successful application.

Some of the benefits we offer:

- Customer-specific ink development and manufacture
- Small-volume specialists
- Migration tests to produce optimal results
- Inks for all print systems
- Inks for print heads supplied by XAAR, Konica Minolta, Kyocera and many others
- Private-labeling and client-specific filling and packaging of inks
- Long-term availability of inks



# PUT US TO THE TEST

Have you been searching for an ink solution designed to fulfill your needs? Could you be facing a change of substrates in the near future? Whatever your challenges, together we can realize the right solution for your individual print process



## LEARN MORE

- Information and technical data are available as downloads on [www.hapa.ch](http://www.hapa.ch)
- Questions? We are happy to offer you complete consultation without obligation. E-mail us at [ink@hapa.ch](mailto:ink@hapa.ch) or call +41 43 399 32 00

UV DOD INK APOSTA




**OEM ink Aposta**

The Aposta UV DOD ink is being used for printed applications. This ink family has dedicated variants for numerous print needs including those supplied by Harnica Minerva, Harn, and Epoxine. The sophisticated Harnica ink family is suitable for numerous industry sectors. Hapa ink works with the customer to ensure successful applications. Support services comprise pre-treatment, printing, curing, and curing processes.

**KEY FEATURES**

- Flexibility – finding the right solution to your needs
- Low volume orders
- Performance designed ink: Adhesion, Speed control, Lightfastness, Jetting quality and stability
- Analysis: Flexibility (Flexing), Jetting optimization, Surface tension: UV-VIS analysis, FTIR spectroscopy analysis
- Specialized UV dispersion development: Optimal viscosity and stability
- Cleaning agent designed for UV-vis

UV DOD INK ASCEPTE




**Healthcare ink Ascepte**

The Ascepte UV DOD ink family is for healthcare applications. This ink family has dedicated variants for numerous print needs including those supplied by Harnica Minerva, Harn, and Epoxine. The sophisticated Harnica ink family is suitable for numerous industry sectors. Hapa ink works with the customer to ensure successful applications. Support services comprise pre-treatment, printing, curing, and curing processes.

**KEY FEATURES**

- Flexibility – finding the right solution to your needs
- Low volume orders
- Performance designed ink: Adhesion, Speed control, Lightfastness, Jetting quality and stability
- Analysis: Flexibility (Flexing), Jetting optimization, Surface tension: UV-VIS analysis, FTIR spectroscopy analysis
- Specialized UV dispersion development: Optimal viscosity and stability
- Cleaning agent designed for UV-vis

UV DOD INK ENSERRA



**OEM low-migration ink Enserra**

The Enserra UV DOD ink family is for OEM migration applications. This ink family has dedicated variants for numerous print needs including those supplied by Harnica Minerva, Harn, and Epoxine. The sophisticated Harnica ink family is suitable for numerous industry sectors. Hapa ink works with the customer to ensure successful applications. Support services comprise pre-treatment, printing, curing, and curing processes.

**KEY FEATURES**

- Flexibility – finding the right solution to your needs
- Low volume orders
- Performance designed ink: Adhesion, Speed control, Lightfastness, Jetting quality and stability
- Analysis: Flexibility (Flexing), Jetting optimization, Surface tension: UV-VIS analysis, FTIR spectroscopy analysis
- Specialized UV dispersion development: Optimal viscosity and stability
- Cleaning agent designed for UV-vis

UV DOD INK EVITER



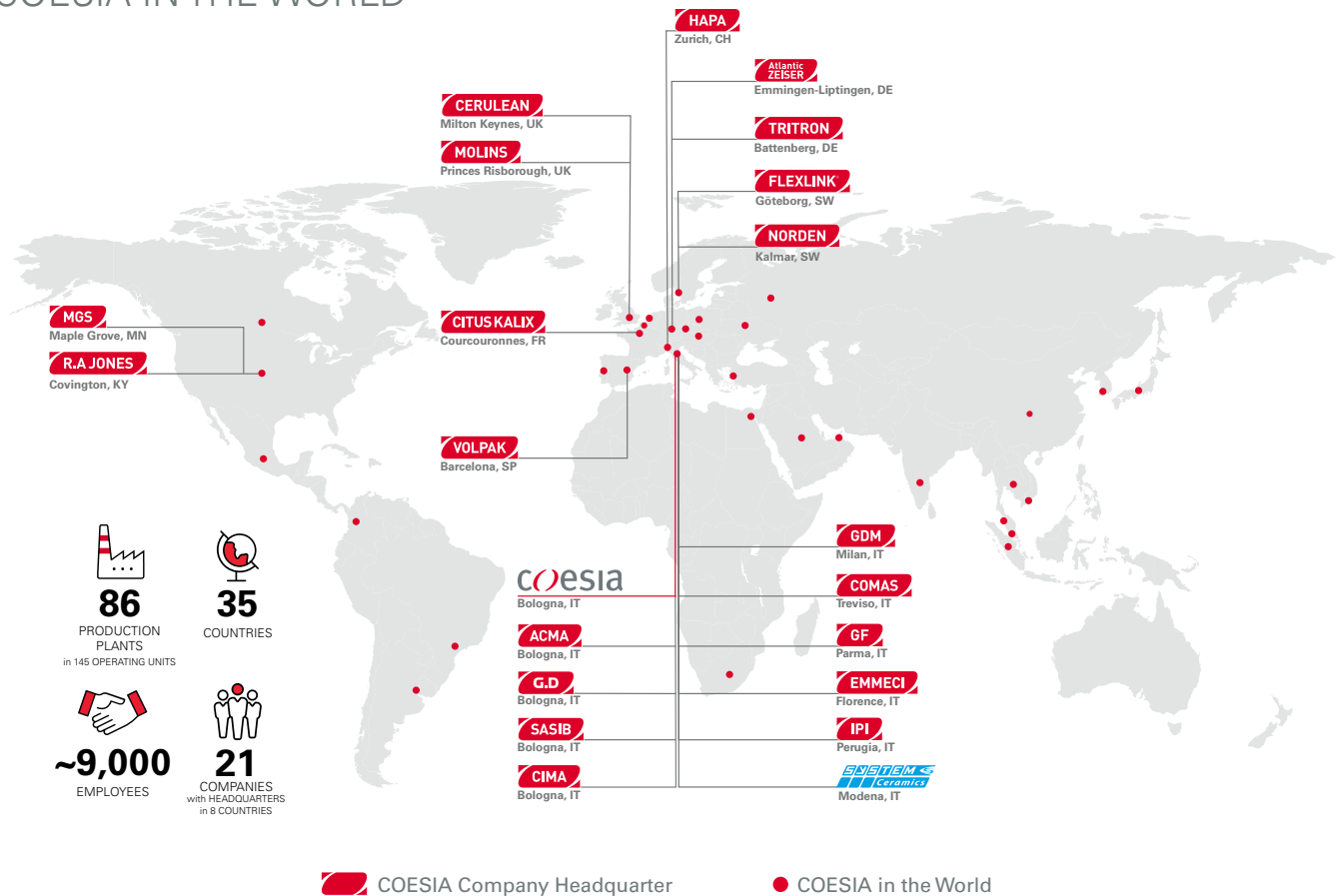
**Healthcare low-migration ink Eviter**

The Eviter UV DOD ink family is for healthcare low-migration applications. This ink family has dedicated variants for numerous print needs including those supplied by Harnica Minerva, Harn, and Epoxine. Hapa ink works with the customer to ensure successful applications. Support services comprise pre-treatment, printing, curing, and curing processes.

**KEY FEATURES**

- Flexibility – finding the right solution to your needs
- Low volume orders
- Performance designed ink: Adhesion, Speed control, Lightfastness, Jetting quality and stability
- Analysis: Flexibility (Flexing), Jetting optimization, Surface tension: UV-VIS analysis, FTIR spectroscopy analysis
- Specialized UV dispersion development: Optimal viscosity and stability
- Cleaning agent designed for UV-vis

# COESIA IN THE WORLD



# coesia

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Coesia is a group of companies based in Bologna, Italy, which is made up of innovative companies for industrial solutions operating worldwide.

The companies of the Coesia Group are leaders in their fields:

- advanced automated machines and materials
- industrial process solutions
- precision gearbox

Coesia Group's customers are industry leaders in a wide range of industries, including consumer goods, tobacco, healthcare, aerospace, automotive, racing and electronics.



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