

July 27, 2020

SAKATA INX develops new environmentally friendly UV Inkjet Ink for Corrugated Packaging

SAKATA INX Corp. has introduced BSR-Bio, a new environmentally friendly UV inkjet ink for corrugated packaging applications. The new sustainable ink option is formulated with 20-30% plant-derived materials, allowing brand owners and printers to benefit from reduced regulatory risk and measurable, reportable CO₂ savings.

BSR-Bio is an advancement of the original BSR formulation that has enjoyed much success in North America on Barberán Jetmaster digital printers. The Jetmaster manufactured by Barberán S.A. was developed to bring inkjet advantages to the market for not only corrugated boxes, but point-of-purchase display as well. It is available together with SAKATA INX BSR and BSR-Bio digital ink solutions globally.

SAKATA's proprietary advanced technology for Nano-pigment dispersion enables their inkjet inks to have high performance jetting properties at very fast print speed, with high reliability for inkjet print heads. BSR-Bio consists of standard CMYK colors with Orange + Green or Orange + Violet as an option when wider color gamut is required. It is extremely low odor and has high durability and good flexibility to reduce cracking problems.

Barberán S.A. has manufactured numerous types of inkjet printers in the market to bring valuable solutions for short-run, on-demand printing. Now they are expanding its digital printing possibility with the BSR-Bio UV ink, which is intended for environmental sustainability.

Eladio Lerga, who is responsible for the Jetmaster, commented, "We have been a good partner with SAKATA INX for years and have made successful projects together. Corrugated packaging is one of the most suitable applications for the circular economy concept, and I am excited about the environmental impact BSR-Bio brings to the market."

Yoshiaki Ueno, Director - CTO, SAKATA INX, said, "BSR-Bio is a marketable product formulated based on SAKATA INX core technologies and long-term experience with a wide variety of materials. The market needs for sustainable product solutions will continue to grow based on societal needs to protect the planet and develop a circular economy. BSR-Bio is a strategic product for a circular economy as is part of our Botanical ink® product line. It meets many environmental requirements including waste and greenhouse gas reductions.



Photo caption: SAKATA INX employs its own certification process called Botanical Ink® in their gravure, offset and flexo ink product lines. BSR-Bio has just passed Botanical Ink certification and will be added to the SAKATA INX environmentally friendly product line.

SAKATA INX employs its own certification process called Botanical Ink® in their gravure, offset and flexo ink product lines. BSR-Bio has just passed Botanical Ink certification and will be added to the SAKATA INX environmentally friendly product line.

About SAKATA INX CORP.

SAKATA INX is an industry leader offering a full line of visual communications technologies globally with full service all around the world. Our product solutions include printing inks and coatings for commercial, packaging and digital print applications, as well as pigment dispersion for color filtration and various functional coatings agents. As a leading global manufacturer of inkjet inks, we provide a full palette of digital ink systems, advanced technologies and integrated services. For more information visit <http://www.inx.co.jp> or www.inxinternational.com.

About BARBERÁN, S.A.

BARBERÁN S.A., founded in 1929, is a family owned enterprise that manufactures industrial surface finishing machinery. We design and manufacture machines to improve productivity in manufacturing processes of the furniture, construction, decoration and packaging industries. Our business is structured in four divisions: lamination, wrapping, lacquering and digital printing. We export 85% of our production and therefore our machinery is present in factories located in more than 60 countries on all 7 continents. For more information visit <https://www.barberan.com>

What is Botanical Ink

We incorporate “Carbon Neutral” concept into the ink design, and actively use plant-derived materials in the ink. SAKATA INX CORP has launched “BOTANICAL INK” series with its own standard containing 10 by wt% more of plant-derived ingredients in the ink solids portion of the ink to reduce CO₂ emissions.



For more information on the homepage. <http://www.inx.co.jp/etc/botanical.html>

Source: SAKATA INX CORP.

Contact:

Digital & Specialty Products Div.
SAKATA INX CORP.
TEL: +81-6-6447-5819