

Cortec® steps into the future with biobased acrylic anticorrosion coating

Cortec® is announcing a major step forward in the development of biobased anticorrosion coatings for metal with the release of EcoLine® 3860, Cortec's first water-based acrylic coating to incorporate renewably-sourced resins. EcoLine® 3860 contains 27% USDA certified biobased content and is designed for industrial users who want to increase their use of renewable content. It is an important move toward expanding sustainable options in the specialty field of corrosion inhibiting paints.

EcoLine® 3860 is an extension of Cortec's line of VpCI®-386 anticorrosion coatings, which have become flagship products in the Cortec® portfolio of corrosion solutions. VpCI®-386 represents the journey from solvent-based technologies that once dominated the market to water-based paints that can effectively protect metals from corrosion while reducing VOCs and introducing other user benefits. Over the last several decades, VpCI®-386 has become a mainstay of Cortec® coatings, demonstrating the potential for preservation with reduced environmental impact...

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Valmet launches new Bioneer press roll covers with reduced climate impact

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BioBond launches biobased industrial adhesive for mobility and defense markets



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BioBond Adhesives, Inc. ("BioBond"), a leader in innovative biobased adhesives and coatings, today announced the launch of BioAdhere™ SUP250, an advanced, high-performance adhesive engineered from plant based materials. Designed specifically for demanding mobility and defense applications, the BioAdhere SUP250 delivers a lighter-weight yet durable and long-lasting bonding solution.

BioBond is positioning the BioAdhere™ SUP250 as a superior, safer and healthier alternative to traditional industrial glues. This product is safer for industrial use, boasting practically no VOCs or odors, has no microplastic added, and is completely PFAS (forever chemical) free. As a USDA BioPreferred certified product and Made In The USA, the BioAdhere SUP250 is accelerating the industry's transition toward high-performance, sustainable materials.

The BioAdhere™ SUP250 is the latest addition to our rapidly expanding line-up of BioBond adhesive products that are fundamentally free of odors, microplastics, and PFAS chemicals," said Greg Piche, Vice President of Products at BioBond. The defense and mobility markets, including emerging form factors like drones, demand materials that allow for lighter structures, longer flight times, and extreme durability in harsh environments. BioBond's new adhesive meets this challenge head-on.

[Click here for more information.](#)



Welcome readers, to this month's Biobased Products News Review.

The transition to a sustainable, low-carbon circular economy is one of the defining challenges of our time. Biobased polymers - materials derived from renewable biological resources rather than finite fossil fuels - stand at the forefront of this transformation.

Arkema's new Rilsan® Clear transparent polyamide unit in Singapore epitomises the company's strategic shift toward specialty biobased polymers at industrial scale. Located on Jurong Island, the new facility is now fully operational and triples the Group's global production capacity for Rilsan® Clear, consolidating Arkema's position as a leader in transparent, highperformance polyamides. By investing around \$20 million in this platform, Arkema is reinforcing its roadmap on specialty materials, aligning growth with the use of advanced polymer chemistries that offer lightweighting, durability, and design freedom in applications such as optics, consumer electronics, and mobility components. This expansion underlines how biobased and advanced polymers are becoming increasingly important to regional manufacturing ecosystems in Asia, supporting both local demand and global value chains.

In industrial coatings, Cortec® has taken a notable step by releasing EcoLine® 3860, a waterbased acrylic anticorrosion coating incorporating renewably sourced resins and 27% USDAcertified biobased content. Designed for metal protection, EcoLine® 3860 combines low levels of Volatile Organic Compounds (VOCs) - well within Green Seal and EPA guidelines - with the flexibility, adhesion, and UV resistance expected from modern acrylic systems. This first biobased acrylic anticorrosion paint in Cortec's portfolio is presented as a milestone that "sets the stage" for a new generation of sustainable corrosion inhibiting coatings, making it easier for specifiers and asset owners to adopt renewable content without compromising operational reliability.

Biobased adhesives, often an invisible but critical enabler of lightweight design, have gained another product. BioBond's newly launched BioAdhere™ SUP250 is a biobased industrial adhesive tailored for demanding mobility and defence applications, including emerging platforms such as drones. As a USDA BioPreferred certified product made in the USA, BioAdhere™ SUP250 offers a lightweight, lasting bonding solution that is practically free of VOCs and odours, contains no added microplastics, and is completely PFASfree. Biobond has tried to combine stringent health and safety credentials with the mechanical robustness needed in harsh environments, to position biobased adhesives as a strategic alternative to conventional glues in safetycritical markets.

Braskem is showcasing how its biobased polymer technology is advancing in the exacting healthcare and hygiene space through a new I'm green™ biobased lowdensity polyethylene (LDPE) grade. The material is produced from scalable, recyclable renewable feedstock and offers high stiffness, and temperature resistance in a dropin solution with a significantly reduced cradleto gate carbon footprint. Braskem reports that following 15 years of R&D, I'm green™ portfolio now includes multiple biobased grades for packaging, toys, and footwear, with current capacity of around 275,000 tonnes per year, a 37% increase since inauguration, enabling the capture of roughly 159,000 tonnes of CO2 annually.

Read on for the latest news.