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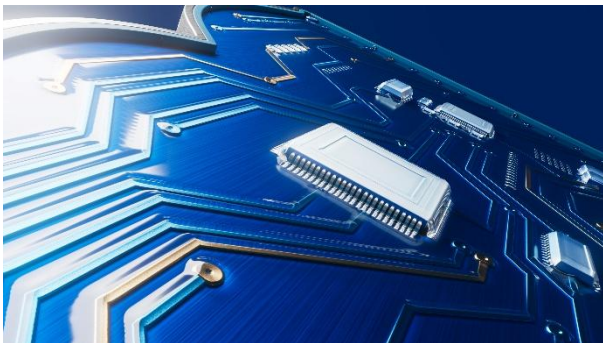
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FOR IMMEDIATE RELEASE

ELANTAS to Highlight Bectron® BZ 1807 Conformal Coating at SMTA Space Coast

St. Louis, MO – October 2026 – ELANTAS North America announces that it will showcase Bectron® BZ 1807 at the SMTA Space Coast Expo and Technical Forum, taking place November 11 at the Melbourne Auditorium in Melbourne, Florida. Designed for high-reliability electronics operating in demanding environments, Bectron® BZ 1807 is a transparent conformal coating based on synthetic rubber chemistry that provides an alternative to silicone-type coatings for applications requiring high dielectric performance, environmental protection and flexibility.



Bectron® BZ 1807 is engineered to protect printed circuit boards, surface-mounted devices and discrete components against moisture, water, corrosive gases and chemicals. Its combination of thermal and dielectric properties is maintained under environmental stress, making the coating well suited for automotive, marine and industrial electronics as well as hybrid electronics and other applications operating in corrosive or aggressive environments.

For high-voltage and safety-critical applications, Bectron® BZ 1807 offers superior dielectric properties and high volume resistivity, including under humid conditions. The cured coating also provides excellent adhesion while retaining flexibility when the underlying substrate is subjected to distortion, helping electronics withstand the mechanical and environmental stresses encountered in high-vibration applications.

The coating has a high temperature index of 150°C and is UL 94 V-0 compliant. Bectron® BZ 1807 also withstands temperature shock and cycling from -40°C to +125°C for more than 750 cycles while maintaining good adhesion and flexibility. An integrated UV indicator facilitates inspection of coated areas, helping manufacturers verify coating coverage during production.

Designed for production environments, Bectron® BZ 1807 supports robotic application with major coating equipment systems, including selective coating, spray-nozzle and automated dipping systems. It can also be applied manually by dipping, brushing or hand spraying. The material can be air cured at room temperature or accelerated through oven curing, with continuous oven processes capable of achieving short cure times when an appropriate temperature profile is used.

Bectron® BZ 1807 is lead-free, contains no aromatic compounds in its solvent and complies with the RoHS directive. Its combination of environmental resistance, dielectric performance, flexibility and



production-oriented processing makes it suitable for applications where long-term reliability is critical.

For more information, visit www.elantas.com/northamerica.

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About ELANTAS

ELANTAS, as part of the ALTANA Group, is a leading global supplier of innovative insulation and protection materials. The company has a global footprint in all major regions worldwide and employs more than 2,000 people.

Solutions of ELANTAS significantly support the transformation to electromobility, the expansion of renewable energies, and the development of high-performance data centers for artificial intelligence applications.

The extensive product portfolio includes enamels and tapes for insulating metal wires, as well as materials for the electrical, mechanical, and chemical protection of electrical and electronic components. The range is complemented by solutions for printed electronics and specialized applications in toolmaking. The products are used in key components such as electric motors, generators, transformers, and capacitors, where they contribute to safety, efficiency, and longevity.

The company is headquartered in Wesel, Germany.

www.elantas.com.