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NEI Corporation Unveils New Easy-to-Clean, Antimicrobial Coating: NANOMYTE® AM-100EC

Somerset, New Jersey (USA) – Today, NEI Corporation announced the release of [NANOMYTE® AM-100EC](#), a new micron-thick coating designed to impart both easy-to-clean and antimicrobial properties to a variety of surfaces. The coating demonstrates strong adhesion to a wide range of materials commonly encountered in high-touch applications, including plastics, metals, and ceramics. This positions AM-100EC as an ideal solution for industries with stringent hygiene requirements, such as healthcare, food service, education, and public transportation.

NEI's AMC-100EC coating exhibits superior mechanical stability, exceptional abrasion resistance, and demonstrably effective antimicrobial properties, surpassing conventional easy-to-clean treatments. Testing conducted in accordance with ISO 22196 standards confirms a significant 4-log reduction (99.99% decrease) in E. coli ATCC 8739 after a 24-hour contact time. Additionally, AM-100EC-coated surfaces effortlessly repel water and oils, further simplifying cleaning routines and promoting long-term surface hygiene.

"The development of AM-100EC exemplifies NEI's ability and commitment to innovative materials science solutions that address practical challenges in real-world applications," stated Dr. Ganesh Skandan, CEO of NEI Corporation.

AM-100EC is supplied as a user-friendly, one-part liquid solution. The coating can be applied through various methods, including dipping, spraying, roll coating, or flow coating. This application process results in a thin yet effective coating with a thickness ranging from 4 to 10 µm. Manufactured in the USA, NANOMYTE® AM-100EC is available in 1-, 5-, and 55-gallon quantities to cater to diverse project requirements.

Additional Information: [NANOMYTE® AM-100EC Technical Data Sheet](#) | [Safety Data Sheet](#)

About NEI Corporation:

Founded in 1997, NEI Corporation develops and manufactures advanced materials for a broad range of industrial customers around the world. The company's core competencies are in designing, developing, and producing products that meet the specific application needs of its customers. NEI has had great success being a Solutions Provider, wherein NEI's scientists and engineers work alongside customers to ensure successful commercial implementation of their applications. NEI's products are sold under the registered trademark NANOMYTE® and are backed by a suite of issued and pending patents. The company's main offerings include Lithium-ion and Sodium-ion Battery Materials, Functional & Protective Surface Coatings, Specialty Nanoparticle-based products, and Materials Characterization & Testing Services.

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