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News Release

FOR IMMEDIATE USE

New White Paper From Avantor Provides Tips for Selecting Biocompatible Silicone Adhesives to Improve Medical Device Manufacturing

In-depth report from the Avantor® NuSil™ brand covers everything from cure rates to customization opportunities to help device manufacturers make informed decisions

Radnor, PA (USA) – August 30, 2018 – [Avantor®](#) recently published a new white paper from its NuSil™ brand to help medical device manufacturers evaluate and select the right type of [silicone adhesives](#) for their application.

“How to Select Silicone Adhesives for Medical Device Manufacturing” provides an overview of relevant considerations, from cure characteristics and application factors to criteria in adhesion and purity, when selecting biocompatible silicone adhesives. Also included is a guide that helps readers choose an appropriate adhesive based on substrate, cure rates, rheology, work time and more.

The NuSil white paper outlines the importance of understanding adhesive options, the advantages of each formulation, and overall performance benefits as they relate to various device manufacturing processes. Customization opportunities are also covered, given the possible variations in application demands.

“Silicone adhesives can be formulated numerous ways to accommodate adhesion, substrate compatibility, performance characteristics and cure profiles,” said Dr. Jim Lambert, Technology & Innovation Director, Biomaterials. “When selecting a silicone adhesive, many elements need to be considered, including the end-use application, substrate surface energy, available bond sites and even the relevant aspects of the device assembly process. This paper reviews key points to help device manufacturers select a suitable adhesive and identify a silicone manufacturer that can meet their specifications as well as test and certify on a batch-to-batch level.”

Visit www.NuSil.com/siliconeadhesives to download the free white paper and learn more about NuSil brand silicone adhesives and materials.

About Avantor

Avantor® is a global manufacturer and distributor of high-quality products, services and solutions to professionals in the life sciences and advanced technology industries. As our channel brand, VWR offers an integrated, seamless purchasing experience that is optimized for the way our customers do business. Operating from over 30 countries worldwide, the company seeks to enable customer success in the biopharmaceutical, pharmaceutical, medical device, diagnostics, healthcare, educational, industrial, government, aerospace & defense, and semiconductor industries. For more information visit www.settingscienceinmotion.com.

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