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NEWS RELEASE

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Gelest's Micro-Particle Surface Modification Solutions Showcased in New Brochure

MORRISVILLE, Pa. (October 7, 2009) – Chemistries and deposition technologies available at Gelest, Inc. for improving the performance of nano, micro and macro particles via surface modification that dramatically enhances key characteristics in multiple applications are detailed in a six-page, four-color brochure titled, "Micro-Particle Surface Modification; Innovating Particle Functionalization."

Gelest provides focused technical solutions for surface modification in a broad range of applications, including: glass, energy, textile, displays, ceramics, digital inks, thermoplastics, thermosets, biomaterials, printing inks, quantum dots, semiconductor, chromatography, nano-composites, imaging and printing, advanced composites, and optics and optoelectronics.

The brochure details the dramatic effects surface-treated micro-particles have on rheological behavior; hiding power and color strength; dispersion, solubility and polarity; photo, chemical and thermal stability; mechanical and electrical properties; and moisture and corrosion resistance.

Coupling properly designed particles with targeted application requirements is the driver of the surface modification solutions offered in the brochure. Considerations in particle design include: particle types (siliceous, non-siliceous and specialty), particle properties (morphology, crystal lattice, polymorphism, semiconductive, and surface characteristics), chemical considerations (surface properties, bonding mechanisms),

and deposition methods (anhydrous liquid phase deposition, bulk deposition onto powders, integral blend methods, and vapor phase deposition).

To obtain a copy of the new brochure or to engage in discussions to explore solutions, please contact Gelest at micro-particle@gelest.com

About Gelest

Gelest, Inc., headquartered in Morrisville, Pennsylvania, is recognized worldwide as an innovator, manufacturer and supplier of commercial and research quantities of organosilicon compounds, metal-organic compounds and silicones. Gelest serves advanced technology markets through a materials science-driven approach. The company provides focused technical development and application support for semiconductors, optical materials, pharmaceutical synthesis, diagnostics and separation science, and specialty polymeric materials: “Gelest – Enabling Your Technology.”

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