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NEWS RELEASE

Client: Gelest

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Gelest Introduces New Family of Volatile Higher Silanes for Semiconductor, Flexible Electronic Applications

MORRISVILLE, Pa. (February 1, 2013) – Gelest Inc., a leading innovator, manufacturer and supplier of organosilicon compounds, metal-organic compounds and silicones to the global marketplace, has extended its product offering to include volatile higher silanes. Gelest's new offerings include trisilane, isotetrasilane and neopentasilane, which are produced in the company's newly commissioned facility in Morrisville, Pennsylvania.

Gelest's volatile higher silanes are low-temperature, high-deposition-rate precursors suitable for a variety of semiconductor-grade and flexible electronic applications, including:

- Amorphous hydrogenated silicon (a-Si:H) films
- Germanium-doped (compression-strained) silicon
- Carbon-doped (tensile-strained) silicon
- Silicon chemical vapor deposition (CVD), atomic layer deposition (ALD) and atomic layer epitaxy (ALE)
- Silicon and silicon-binary quantum-dots by photolytic or laser induction
- Silicon-based photovoltaics.

Gelest, Inc.
Enabling your Technology

Manufacturers of Silanes, Silicones & Metal-Organics
11 E. Steel Road, Morrisville, Pennsylvania 19067
Tel: 215-547-1015 Fax: 215-547-2484

To obtain a copy of Gelest's new reference piece, "Volatile Higher Silanes," or to engage in discussions to explore solutions for your new product development initiatives, please contact: Gabrielle Lockwood, Sales & Marketing Associate, at 215-547-1015 or glockwood@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, specialty polymeric materials and cosmetics: "Gelest – Enabling Your Technology."

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