

Trade Press Release

Heraeus Exhibits New SOL9600 at the 6th International Solar Industry and Photovoltaic Exhibition and Conference (SNEC Shanghai)

- **Industry Leader Exhibits New Higher-Efficiency Front-side Silver Paste**

WEST CONSHOHOCKEN, PA., – May 10, 2012 Heraeus, an industry leading developer and manufacturer of metallization pastes for the photovoltaic industry, will be debuting its new SOL9600 front-side Ag paste at this year's 6th annual International Solar Industry and Photovoltaic Exhibition and Conference from May 16th-18th in Shanghai, China.

For solar energy to be competitive with other traditional energy sources, Heraeus continually focuses on paste innovations to improve the performance and efficiency of their customers' cells, while reducing the cell manufacturers' cost-per-watt. The new Heraeus SOL9600 series for conventional c-Si solar cells has demonstrated better contact performance for regular and high sheet emitter wafers, exhibiting an absolute efficiency improvement of approximately 0.2%.

SOL9600 is an improvement over the industry leading SOL9235 and SOL9411 pastes for applications requiring higher efficiency and finer line resolution printing. As with all Heraeus metallization pastes, the SOL9600 offers a wider processing window during firing, which provides a tighter production output distribution and improves yields.

To learn more about Heraeus' SOL9600 front-side pastes and other metallization pastes for the photovoltaic industry, visit us at this year's SNEC trade show at the Shanghai New International Expo Center, 2345 Longyang Road, Pudong District, Shanghai, Hall W3 booth number 250 or go to www.pvsilverpaste.com.

About the Heraeus Photovoltaics Business Unit

Heraeus manufactures high volumes of thick film pastes for some of the most prominent companies within a variety of industries. For over 40 years, the company has built a reputation of innovation, extensive research and new product development in this field. The Heraeus Photovoltaics Business Unit applies its innovative technology to the field of photovoltaics, offering silver pastes for crystalline solar cells. The Heraeus SOL Series of silver pastes is specially formulated to provide higher efficiencies and wider processing windows, resulting in better yields and higher output for cell manufacturers.

Heraeus, the precious metals and technology group headquartered in Hanau, Germany, is a global, private company with 160 years of tradition. Our fields of competence include precious metals, materials, and technologies, sensors, biomaterials, and medical products, as well as dental products, quartz glass, and specialty light sources. With product revenues of €4.1 billion and precious metal trading revenues of €17.9 billion, as well as more than 12,900 employees in over 120 subsidiaries worldwide, Heraeus holds a leading position in its global markets.

For additional information, please contact:

David McMullen
Marketing and Business Development
Heraeus Precious Metals North America Conshohocken LLC
Photovoltaics Business Unit
West Conshohocken, PA 19428
Phone: + 1 (610) 825-6050
Fax: + 1 (610) 825-7061
E-Mail: david.mcmullen@heraeus.com
