

Trade Press Release

Heraeus Attends the 27th European Photovoltaic Solar Energy Conference and Exhibition

- **Technology Leader Exhibits New Higher-Efficiency Front-side Silver Pastes and Highlights New Facility in Taiwan, Strengthening Its Commitment to the Future of Photovoltaics**

WEST CONSHOHOCKEN, PA., – September 12, 2012 – The Heraeus Photovoltaics Business Unit will be exhibiting at this year's 27th annual European Photovoltaic Solar Energy Conference and Exhibition (PVSEC) from September 25-28 in Frankfurt, Germany. Heraeus will feature some of its newest products, including SOL9600, and discussing the company's global expansion and new Taiwan facility in Hall 3.0, Booth G16.

Heraeus will debut its newest line of front-side metallization pastes for conventional c-Si solar cells, the SOL9600 Series, which has demonstrated significantly improved contact quality on regular and high sheet emitter wafers. The SOL9600 Series is a significant improvement over its previous industry leading SOL9235 and SOL9411 pastes for applications requiring higher efficiency. As with all Heraeus metallization pastes, the SOL9600 Series offers a wider processing window during firing, which provides a tighter production output distribution and improves yields.

Heraeus PV will also highlight its newest manufacturing site in Taiwan, which will allow them to offer faster service for the Taiwanese market. The opening of the Taiwan facility establishes Heraeus' dedication to the region and the PV industry with plans for continued growth. With new or expanded facilities and additional personnel in key photovoltaic markets across the globe, the company is now able to even better serve its customers.

To learn more about Heraeus' metallization pastes for the photovoltaic industry, go to www.pvsilverpaste.com, or visit us at this year's PVSEC trade show at the Messe Frankfurt fairground, September 25-28 in Frankfurt, Germany, in Hall 3.0, booth number G16 .

About the Heraeus Photovoltaics Business Unit

The Heraeus Photovoltaics Business Unit is an industry leading developer and manufacturer of silver metallization pastes for the photovoltaic industry. For over 40 years, Heraeus has built a reputation of innovation, extensive research and new product development in thick film technologies. In the field of photovoltaics, the Heraeus Photovoltaics Business Unit applies this history and its innovative technology to offer metallization pastes for solar cell applications. 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.

The Heraeus Group

Heraeus, the precious metals and technology group headquartered in Hanau, Germany, is a global, private company with over 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 €4.8 billion and precious metal trading revenues of €21.3 billion, as well as more than 13,300 employees in more than 120 subsidiaries worldwide, Heraeus was recently ranked #293 by the Fortune 500 and holds a leading position in its global markets.

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