

## Trade Press Release

Hanau, Germany, 2011, 31<sup>st</sup> August

# Heraeus Exhibits New SOL205 at the 26<sup>th</sup> European Photovoltaic Solar Energy Conference and Exhibition

- **Industry Leader Exhibits New Lower Silver Content Back-side Paste**

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**WEST CONSHOCKEN, PA.,** – August 30, 2011 – The Heraeus Photovoltaics Business Unit, a world leader in developing front and back-side silver pastes for crystalline solar cells, will be highlighting its new SOL205 back-side Ag paste at this year's 26<sup>th</sup> annual European Photovoltaic Solar Energy Conference and Exhibition (PVSEC) from September 5-8 in Hamburg, Germany.

Heraeus continues to focus on reducing cell manufacturers' cost-per-watt by introducing new and innovative pastes for solar cells. In its new SOL200 series of low silver content pastes, Heraeus has developed the SOL205 back-side tabbing Ag conductor paste for mono and multicrystalline silicon solar cell. The Heraeus SOL205 has approximately 30% less silver content and provides a higher coverage area for reduced paste usage per cell than the typical commercially available pastes. Though there are less solids in this new paste, SOL205 maintains the excellent solderability in both leaded and no lead solders, high adhesion, low contact resistance and the wide processing window possessed by the entire SOL200 Series.

To learn more about Heraeus' SOL205 back-side pastes and other metallization pastes for the photovoltaic industry, go to {HYPERLINK "<http://www.pvsilverpaste.com>"}, or visit us at this year's PVSEC trade show at the CCH Congress Center and International Fair in Hamburg, Germany, September 5 – 8, Hall A4 booth number B9.

### **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, it has built a reputation of innovation, extensive research and new product development. 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.

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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.

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