

Press Release**Don't Miss Heraeus Electronics' Award-Winning Innolot® 2.0 Solder Paste at APEX**

Heraeus Electronics is excited to announce its participation in the upcoming 2024 IPC APEX EXPO. The event is scheduled to take place from April 9-11, 2024 at the Anaheim Convention Center in California. Heraeus Electronics will be exhibiting in Booth 3912, showcasing its cutting-edge products, including the award-winning Microbond® SMT660 Innolot® 2.0 solder paste.

Microbond® SMT660 Innolot® 2.0 - A Game-Changing Solution

Since its introduction, Heraeus Electronics' Microbond® SMT660 Series has received prestigious awards such as the Mexico Technology and Global Technology Awards. The solder paste is revolutionizing the automotive industry's approach to highly reliable and cost-effective solder alloys. The Microbond® SMT660 flux, in combination with different alloys, delivers exceptional performance and reliability.

The SMT660 Series offers exceptional reflow performance, standing out for its excellence in the reflow process without the need for additional nitrogen (N₂). This feature minimizes defect rates and contributes to a reduced Total Cost of Ownership (TCO) for manufacturers. Heraeus Electronics' innovation aligns with the industry's need for reliability and cost-efficiency, making the Microbond® SMT660 an indispensable asset for the automotive sector.

**Microbond® SMT650 High-Reliability Solder Paste**

Additionally, Heraeus Electronics will highlight its full sinter paste and solder paste portfolio of products, including the Microbond® SMT650. The high-reliability solder paste achieves consistently high surface insulation resistance to prevent electrochemical migration. The combination of the new F650 flux system with the Innolot® alloy delivers superior reliability, particularly in miniaturized systems within the automotive industry.

mAgic® DA320 - High Shear Strength Sinter Paste for Power Applications

mAgic® DA320, an innovative sinter paste, will be a focal point of Heraeus Electronics' exhibit. This high shear strength, non-pressure dispensing sinter paste is designed for die attach of power applications. With features like fast sintering, high shear strength, and high thermal conductivity, mAgic® DA320 is ideal for Silicon Carbide (SiC), Gallium Nitride (GaN), and other cutting-edge power devices.

Visit Heraeus Electronics at Booth 3912 during the 2024 IPC APEX EXPO to explore these groundbreaking solutions firsthand. The Heraeus team will be available for in-depth discussions and to address any inquiries.

Heraeus Electronics remains at the forefront of innovation, continually pushing boundaries and introducing solutions that empower manufacturers to thrive in a dynamic and evolving market.

To learn more about Heraeus Electronics, visit www.heraeus-electronics.com.

About Heraeus

The Heraeus Group is a broadly diversified and globally leading family-owned technology company, headquartered in Hanau, Germany. The company's roots go back to a family pharmacy started in 1660. Today, Heraeus bundles diverse activities in the Business Platforms Metals and Recycling, Healthcare, Semiconductor and Electronics as well as Industrials. Customers benefit from innovative technologies and solutions based on broad materials expertise and technological leadership.

In the 2022 financial year, the group generated revenues of €29.1 billion (US\$30.6 billion*) with approximately 17,200 employees in 40 countries. Heraeus is one of the top 10 family-owned companies in Germany and holds a leading position in its global markets.

(* calculated with 2022 average exchange rate, 1€ = 1.0530 US\$)

About Heraeus Electronics

Heraeus Electronics is a leading manufacturer of materials for the assembly and packaging of devices in the electronics industry. The company develops material solutions for the automotive, power electronics and advanced semiconductor packaging market and offers its customers a broad product portfolio - from materials and material systems to services.

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