

February 28, 2019

**Business Segment: ELECTRONICS**

### **MacDermid Alpha Joins World Leading Companies at PV Celltech Conference**

(Waterbury, CT USA) - MacDermid Alpha will be one of seventeen corporate sponsors at the annual PV CellTech Conference, March 12-13, 2019, Penang Malaysia. As a sponsor, MacDermid Alpha will showcase their family of MacDermid Enthone and Alpha brand products specifically formulated for the solar industry.

MacDermid Alpha Electronics Solutions serves all global regions and our broad list of products developed for metallization and interconnection of photovoltaic devices enable our PV customers to reduce cost, increase efficiency and improve reliability. Highlighted at the exhibitor portion of the conference will be their Helios wet chemical copper metallization processes that offers advantages and cost savings of eliminating silver paste. They will also present their Alpha® 7 Series of low residue fluxes as well as Alpha® EcoSol, the industry's first low temperature, Pb-free alloy for PV ribbon tinning.

Bruce Lee, Technology Manager Electronics Specialties, commented "As the industry evolves into more efficient cells, there is a demand for new plated conductor grid metallization and attachment materials. These are MacDermid Alpha's core competencies. Use of chemical processes and high efficiency fluxes and ribbon tinning alloys allow photovoltaics manufacturers a path to significant reductions in \$/watt as well as high reliability."

The conference networking opportunity will include hundreds of attendees from c-Si cell manufacturers, module manufacturers, technology leaders, major equipment/materials supplies and leading academics at top R&D institutes.

For more information contact:

Helios and wet chemical processes, Bruce Lee; [Bruce.Lee@MacDermidAlpha.com](mailto:Bruce.Lee@MacDermidAlpha.com).

Fluxes and tinning alloys, Eric Poh; [Eric.Poh@MacDermidAlpha.com](mailto:Eric.Poh@MacDermidAlpha.com)

Contact: Deanna Cullen - Marketing Communications, [deanna.cullen@macdermidalpha.com](mailto:deanna.cullen@macdermidalpha.com)