

**FOR IMMEDIATE RELEASE**

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**PRESS RELEASE**

**MacDermid Alpha Electronics Solutions expands its world-renowned Argomax<sup>®</sup> sintering technologies**

(Waterbury, CT USA) – April 4, 2023 – MacDermid Alpha, one of the world’s largest providers of circuitry, assembly, and semiconductor solutions for electronics manufacturers, has expanded the Argomax<sup>®</sup> technology offering. Argomax<sup>®</sup> 2148 is a new silver sintering product, designed for electric vehicle power inverters. The sintered joint enables the fabrication of smaller, lighter, and reliable power train systems.

MacDermid Alpha’s range of Argomax silver sintering pastes offer flexibility and ease-of-use while reducing manufacturing cost and time to market. These pastes, applied by low-pressure processing are designed for die, top side, or package attach. Argomax pastes are available in wet and dry options.

Argomax 2148 enables the sintering of large packages or components on gold or silver substrates. Utilizing a pure silver bond line, the dispensable silver sintering paste exhibits excellent bond line thickness and adhesion. Argomax 2148 gives excellent performance on marginal component surfaces. The resulting sintered joint provides high thermal and electrical conductivity. With its firm attachment to the inverter, manufacturers benefit from superior component performance and reliability in extreme temperature ranges.

Ease-of-use and application are key values associated with the Argomax product line. Argomax 2148 is the ideal choice for components where a low-pressure application is critical.

Major automotive manufacturers worldwide rely on the superior performance and reliability of Argomax as part of their electric vehicle inverters. The result: enhanced range, power, and reliability of electric vehicles, coupled with MacDermid Alpha’s unrivaled technical support and customer service.

Discover how MacDermid Alpha elevates your sintering process and delivers competitive advantage to electric vehicle power train manufacturers by visiting [www.macdermidalpha.com](http://www.macdermidalpha.com).

### **About MacDermid Alpha**

MacDermid Alpha enables electronics interconnection through the innovative specialty chemicals and materials from our Alpha<sup>®</sup>, Compugraphics, Electrolube<sup>®</sup>, Kester<sup>®</sup>, and MacDermid Enthone brands. We serve all global regions and all steps of device manufacturing within every segment of the electronics supply chain. The experts in our Semiconductor Solutions, Circuitry Solutions, and Assembly Solutions divisions collaborate with OEMs and fabricators in the implementation of new technologies that redefine what is possible in device design. Our world-class technical service is constantly at hand to ensure optimized outcomes in yield and productivity. Our solutions can increase throughput, reduce carbon footprints, lower the total cost of ownership, and enable electronics innovation.

### **ENDS**

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