

**FOR IMMEDIATE RELEASE**

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**PRESS RELEASE**

**MacDermid Alpha's Electrolube to Present Two Keynotes on Resins and Coatings at IPC APEX EXPO**

MacDermid Alpha Electronics Solutions, a global supplier of integrated solutions from our Circuitry, Assembly and Semiconductor divisions that provides unmatched capabilities in electronics design and manufacturing, is pleased to announce that Electrolube will be participating in two technical conference sessions at this year's IPC APEX EXPO, held at the San Diego Convention Centre, CA, from 25-27 January.

Two of Electrolube's senior representatives. Phil Kinner, Global Business and Technical Director for Electrolube's Coatings Division, will present the paper 'Conformal Coatings: State of the Industry Versus State of the Art' on Tuesday January 25<sup>th</sup> from 10am-12pm at S04, EM1. Phil is well-known for his expertise in coating chemistry and will be sharing some of Electrolube's latest data taken from a study comparing the condensation resistance performance of assemblies coated with state of the art materials to those used in the state of the industry materials.



Beth Turner, Electrolube's Senior Technical Manager, will present the paper entitled 'Bio-Based Encapsulation Resins: Good for The Environment, Good for Your Environment' from 8-9.30am on Thursday January 27<sup>th</sup> at S28, EM4. Electrolube's drive towards achieving a more sustainable future also encourages customers to embrace implementing sustainable materials into production. Environmental credibility runs



throughout the company from product packaging right through to product development and Beth will be talking about how Electrolube's new range of bio-resins can not only impact on a company's environmental credentials, but also on the lifetime and performance of devices.

During the show, Electrolube, part of MacDermid Alpha Electronics Solutions, will demonstrate its advanced technical capabilities to the US market by launching a ground-breaking new bio coating, the first of its kind globally. Electrolube's new UVCLX bio coating is an unrivalled eco-friendly innovation that will transform the conventional use of coatings by the global electronics community. The first-to-market UV Cure Coating Xtra is formulated with 75% bio-organic content from renewable sources and is one of Electrolube's most versatile, high-performance coatings yet for protecting electronic circuitry against the harshest of environments.

Electrolube will also showcase the new GF600 two-part, liquid silicone thermal gap filler, supplied in a 32oz duo cartridge. GF600 provides excellent thermal performance and can be cured at room temperature or accelerated with heat. After curing, GF600 forms a low modulus elastomer, preventing the 'pump-out phenomenon'. The low viscosity gap filler is easy to dispense and is soft and compliant for low stress applications. With extremely high thermal conductivity of 6.0 W/m.K and a wide operating temperature range from -50 to 200°C, the flame retardant GF600 is ideally suited to filling gaps and air voids, even in the most delicate of devices with minimal stress.

Visitors to IPC APEX EXPO are invited to meet members of the Electrolube and MacDermid Alpha Electronics Solutions teams at booth 2121. It is an ideal opportunity to find out more about how Electrolube's newest solutions can help manufacturers speed up production, increase reliability and lifetime of products, as well as improve their environmental credentials. Electrolube offers a wide range of electro-chemical products, which include thermal management, encapsulation resins, conformal coatings, contact lubricants, service and maintenance aids and cleaning solutions.

For further information, please visit <http://www.electrolube.com>.

### **About Electrolube**

Electrolube, (MacDermid Alpha Electronics Solutions), is a leading manufacturer of specialist chemicals for electronics, automotive and industrial manufacturing. Core product groups include conformal coatings, contact lubricants, thermal management materials, cleaning solutions, encapsulation resins and maintenance and service aids.

The extensive range of electro-chemicals at Electrolube enables the company to offer a 'complete solution' to leading manufacturers of electronic, industrial, and domestic devices, at all levels of the production process. Through collaboration and research, the company is continually developing new and environmentally friendly

products for customers around the world and their commitment to developing 'greener' products has been endorsed by the ISO 14001 standard for the highly efficient Environmental Management System in place at the company.

Electrolube is represented in over 60 countries with an established network of subsidiaries and distributors. By offering genuine security of scale and a reliable supply chain, the company can deliver a truly tailored service.

### **About MacDermid Alpha Electronics Solutions**

MacDermid Alpha Electronics Solutions enables electronics interconnection through the innovative specialty chemicals and materials from our Alpha, Compugraphics, Electrolube, Kester, 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 total cost of ownership, and enable electronics innovation.

### **ENDS**

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