



Cookson Electronics

Assembly Materials

109 Corporate Boulevard
South Plainfield, NJ 07080 USA
Phone: 908-791-3000
Fax: 908-791-3090
www.cooksonelectronics.com

NEWS RELEASE

Release Immediately

Contact: Mitch Holtzer (908) 791-3018, mholtzer@cooksonelectronics.com
Paul Cote (908) 791-3045, pcote@cooksonelectronics.com

**Cookson Electronics Launches ALPHA® WS-820
Halide-Free, Lead-Free, Water Soluble Solder Paste**

South Plainfield, NJ – March 26th 2009 –Cookson Electronics is pleased to announce the launch of ALPHA® WS-820 halide-free, lead-free, water-soluble solder paste. This new product offers excellent printability with print volume and print repeatability down to 12 mil (0.3mm) features, and it has an excellent reflow process window with straight ramp, short soak or long soak profiles in air.

“WS-820 is the latest generation water soluble, lead free paste in ALPHA's long tradition of manufacturing high performance solder pastes. It is a designed to provide excellent print performance at both low and high relative humidity (20% to 65%), and it offers IPC 7095 Class III resistance to voiding. WS-820 is also very easy to clean with warm de-ionized water, leaving virtually no ionic contamination behind,” said Mitch Holtzer, ALPHA's Global Product Manager. “Customer response has been terrific. Our robust, phase gate development process has created the lead-free water-soluble paste that our customers have been asking for,” Holtzer added.

Available in SAC305 and SAC405 alloys and in Type 3 and 4 powder, ALPHA WS-820 delivers excellent wetting characteristics on all common surface finishes, including Entek HT OSP. As many electrics assemblers explore the conversion to lead-free water-soluble surface mount applications, WS-820 will allow a wide variety of them make the transition without sacrificing printability and first pass yields.

For more information about ALPHA WS-820, please visit www.alpha.cooksonelectronics.com

About Cookson Electronics Assembly Materials
Cookson Electronics Assembly Materials, a business unit of the Cookson Group plc family of

alpha



Cookson Electronics

companies, is the global leader in the development, manufacturing and sales of innovative materials used in electronic assembly processes. With a unique worldwide presence in 50 locations throughout the Americas, Europe and

the Asia/Pacific region, CEAM supplies a full line of Solder Paste, Stencils, Squeegee Blades, Stencil & PCB Cleaners, Bar Solder, Cored Wire Solder, Wave Soldering Fluxes, and SMD Adhesives. Cookson Electronics Semiconductor Packaging is the leader in EMC and polymeric materials for semiconductor packaging. Since its founding in 1872, the Cookson Electronics business has been committed to developing and manufacturing the highest quality soldering materials. That tradition continues today through its innovative products, including its line of environmentally friendly, lead-free electronic assembly products. For more information, visit www.cooksonelectronics.com.

alpha



Cookson Electronics

alpha



Cookson Electronics

About Cookson Electronics Assembly Materials

Cookson Electronics Assembly Materials, a business unit of the Cookson Group plc family of companies, is the global leader in the development, manufacturing and sales of innovative materials used in electronic assembly processes. With a unique worldwide presence in 50 locations throughout the Americas, Europe and the Asia/Pacific region, CEAM supplies a full line of Solder Paste, Stencils, Squeegee Blades, Stencil & PCB Cleaners, Bar Solder, Cored Wire Solder, Wave Soldering Fluxes, and SMD Adhesives. Cookson Electronics Semiconductor Packaging is the leader in EMC and polymeric materials for semiconductor packaging. Since its founding in 1872, the Cookson Electronics business has been committed to developing and manufacturing the highest quality soldering materials. That tradition continues today through its innovative products, including its line of environmentally friendly, lead-free electronic assembly products. For more information, visit www.cooksonelectronics.com.

alpha