



Press release

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Henkel's Loctite® 3508 Cornerbond™ Underfill Secures Two Industry Honors

Just launched in February of this year, Henkel's new Cornerbond™ underfill system is already collecting industry accolades and customer kudos. The new material, Loctite® 3508, was recently honored with two prestigious industry awards presented during the Nepcon China/EMT China event, held April 23 – 27 in Shanghai. Henkel began the week with the acceptance of an inaugural *SMT China Vision Award* and landed its second award – an *EM Asia Innovation Award* – before week's end.

Designed specifically for CSP and BGA devices processed in lead-free environments, Loctite 3508 provides manufacturers with several advantages including higher throughput, lower manufacturing costs, unique self-centering characteristics and improved pot life. The innovative material has been designed for maximum process efficiency with curing taking place during normal lead-free solder reflow and allowing for the self alignment of IC components. Loctite 3508 is a one-component epoxy cornerfill that is pre-applied to the board at the corners of the CSP pad site via a standard dispensing system. Because the material is applied through existing in-line dispensing equipment and cured during the standard solder reflow process, UPH is improved and costs are reduced through the elimination of secondary equipment requirements.

With a six month shelf-life, a pot life greater than 75 hours and the ability to use standard refrigerated storage, Loctite 3508 presents manufacturers with outstanding production flexibility and product longevity. Other benefits of the material include improved adhesive strength over previous versions and a reworkable feature which enables defective components to be removed without requiring the entire assembly to be scrapped.

Adhesin

Bonderite

Hysol



LOCTITE



technomelt



Commenting on the award wins, Patrick Trippel, President of the electronics group of Henkel, said, "We certainly have unyielding confidence in the benefits and performance of Loctite 3508 and our recent award double only bolsters our enthusiasm about this innovative product. Thanks to the organizers and judges of these important awards programs for their insightful acknowledgement of the advantages Loctite 3508 can deliver to our industry."

Both the SMT China Vision Awards and the EM Asia Innovation Awards recognize products that present truly innovative and deliver real and relevant value to the marketplace. For more information on Loctite 3508 or any of Henkel's unique process-enabling materials technologies, call the company's headquarters at 949-789-2500 or log on to www.henkel.com/electronics.

About the electronics group of Henkel

For more than 130 years, Henkel has been a leader with brands and technologies that make people's lives easier, better and more beautiful. Henkel operates in three business areas - Home Care, Personal Care, and Adhesives Technologies - and ranks among the Fortune Global 500 companies. In fiscal 2006, Henkel generated sales of 12.740 billion euros and operating profit of 1,298 million euros. Our 52,000 employees worldwide are dedicated to fulfilling our corporate claim, "A Brand like a Friend," and ensuring that people in more than 125 countries can trust in brands and technologies from Henkel.

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