

**NEW ! LEAD FREE REWORK PRODUCTS**

# CHIPQUIK®

PATENTED

## LEAD-FREE SOLDER PASTE

Chip Quik® **SMD291SNL** RoHS Compliant  
Lead-Free No Clean Solder Paste 5cc syringe w/ tip  
Sn96.5/3Ag/.5Cu for Lead-Free Rework Applications



## PASTE FLUX for LEAD-FREE APPLICATIONS

Chip Quik® **SMD291NL** RoHS Compliant  
No Clean Paste Flux in 5cc syringe w/tip  
For Lead-Free Rework Applications



## EXPECT MAJOR CHANGES IN LEAD-FREE REWORK !

Most manufactures have already made the transition to the new lead-free alloys that comply with the RoHS standards. The traditional circuit board has always used 63% Tin / 37% Lead alloy with a melting temperature of 361°F (83°C). The new PCB's will use a lead free-alloy with different characteristics. (1) A melting temperature of about 60°F higher. (2) A longer time is required for the applied reflow heat to create the solder joint. (3) The cooling time for the solder joint takes longer. (4)The appearance of the joint has a grainy dull look that most would consider defective. Traditional rework methods have been pushed to the limits of quality & safety.

**Chip Quik® Will Work Equally as Well on Lead-Free Circuit Boards**