



Nano Stencil LLC

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New Product Release

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Nano Stencil Clean™ to Perform Live Demonstrations at APEX 2018

From the makers of Smart Sonic Stencil Cleaners and 440-R SMT Detergent, Nano Stencil Clean was formulated specifically to safely clean all types of solder paste from nano-coated stencils and misprinted PCBs.

The new technology of applying a nano coating to solder paste stencils has shown significant advances toward improving print yields. However, many of the nano chemistries used to provide a hydrophobic and oleophobic surface to the apertures and underside of the stencil are sensitive to elevated pH cleaning chemistries. Until the introduction of Nano Stencil Clean, manufacturers of cleaning chemicals would recommend a common “pH Neutral” cleaning chemistry. The pH Neutral cleaner would have less ill effects on the nano coating. But, because the pH Neutral product was not designed to clean solder paste, it was less effective on removing solder paste from the nano coated stencil. In addition, because solvents have a neutral pH, many of these “pH Neutral” products obtain their neutral pH by mixing solvents into a little water and calling it a “water-based” chemistry. These “pH Neutral” products often have a strong solvent odor, are environmentally problematic because of the high VOC content.

Nano Stencil Clean is the first true water-based cleaning chemistry designed specifically to safely clean all types of solder paste from nano coated stencils. Nano Stencil Clean is environmentally safe and user safe with a low pH, nearly zero VOC content and a mild pleasant odor. It contains no CFCs, HCFCs, terpenes, alcohol or other hazardous ingredients and performs in ultrasonic, spray or manual cleaning applications. It is safe on all metals and plastics and REACH and

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RoHS compliant and is recommended by many nano-coated stencil manufacturers.

To illustrate the advantages of Nano Stencil Clean, live cleaning demonstrations will be performed in Booth #3839 at the IPC APEX Show in San Diego. Nano Stencil Clean can clean any type of solder paste in less than one minute!

Why aren't other cleaning chemistries demonstrated at trade shows? Other cleaning chemistries take much longer to clean, are high in VOCs and/or have a strong obnoxious odor.

For those that cannot attend the APEX Show, a free sample of Nano Stencil Clean may be obtained by contacting Bill Schreiber at +1-818-266-4880 or e-mail Bill@NanoStencil.com. For more information go to www.NanoStencil.com.

(color photo included)