

PRODUCT *bulletin*

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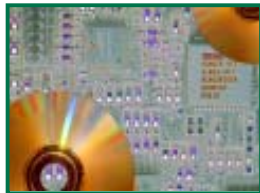
*The Instant Method
for Detecting the Presence of Lead*

LEAD DETECTOR KIT

With the deadline for **RoHS Compliance** set for July 2006, most electronic manufacturers are concentrating on removing lead from their current manufacturing lines by changing to lead-free solder paste. In addition to removing tin lead solder paste, manufacturing companies are also switching to lead-free bar solder for their wave solder machines and solder pots, as well as eliminating the use of lead containing solder wire and preforms.

Lead Dust...the hidden danger in the workplace!

Being overlooked in electronics manufacturing and assembly, specifically Surface Mounted Technologies (SMT), is the invisible contamination left on many surfaces by the years of using tin lead solder. The hidden danger of microscopic lead dust has gone undetected until now. As solder joints harden to the typical shiny, hard surfaces that we associate with a high quality electrical or electronic connection point, microscopic dust containing lead and other metals form at the surface of the joint. These ultra fine particulates will often become airborne and transfer to various surfaces within their proximity, surfaces such as work benches, trolley carts used to transport finished products, conveyor rails, storage racks, shelving, machinery, tools and flooring.



Testing, using our Lead Detector Kit should be performed throughout any factory or manufacturing facility where tin lead solder was used to manufacture or assemble printed circuit boards, electrical assemblies, electronic devices and machinery, etc. Whether doing spot checks on small areas or checking large surfaces, the Lead Detector Kit contains everything you need to detect the presence of lead on skin, surfaces, or in the field.

Read the Results Immediately...If solubilized lead is present, a pink or red color bloom will appear immediately.

The intensity of the color bloom can indicate the relative amount of lead present. Positive wipes and swabs can be sent to a laboratory for quantitative analysis if desired. Use JNJ's Lead Remediation Task Force Kit to remediate and eradicate hazardous materials from identified surfaces.

GET THE LEAD OUT

Microscopic Lead Dust Particulates...the Hidden Danger that Threatens the Health of Workers and Jeopardizes RoHS Compliance.



JNJ's Lead Detector Kit should be an integral part of safety training for workers in all phases of the electronics industry to remove hazardous substances from the entire work environment.

Where to Test

- ✓ Work Benches
- ✓ Conveyor Rails
- ✓ Stencil Printers
- ✓ Pick/Place Machines
- ✓ Rework & Repair
- ✓ Inventory or Finished Goods Areas
- ✓ Storage & Shelving
- ✓ Flooring
- ✓ Tools
- ✓ Break/Bathrooms
- ✓ Carts & Trolleys

| Detector Kit Contents |
|--|
| 2 - Detecting SR Powder #1 |
| 1 - Acetic Acid, 5% Extraction Solution #2 |
| 2 - DI Water Developing Solution #3 |
| 10 - Dust Wipes |
| 20 - Nitrile Gloves |
| 8 - LeadCheck Test Swabs |
| 10 - Waxed Paper |