

# PRODUCT *bulletin*

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*Lead Dust...the hidden danger in the workplace!* Microscopic lead dust particulates pose a large threat to the health of humans and jeopardizes RoHS Compliance. Lead dust is unknowingly absorbed by the skin and ingested when workers are unaware that lead is present. It can also be transferred to products and areas that are designated lead-free. The good news is there are things manufacturers can do to reduce the exposure to lead in the workplace. After using JNJ's Lead Detector Kit to locate and identify surfaces contaminated with lead dust residue, it is essential to remediate those surfaces.

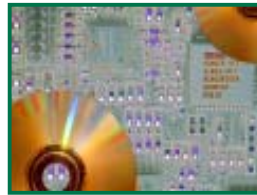
JNJ's Lead Remediation Task Force Kit is a simple 3 step process used to remediate lead and other hazardous metals from most surfaces. This process uses a combination of chelating agents and cleaning methods to lift and remove lead commonly used in electronic manufacturing and assembly. Our proprietary chemistry and wipe technology has proven to pick up and remediate lead from a variety of surfaces such as Formica (commonly found in workbenches), stainless steel, aluminum, Lexan and other polymers, all materials found in and around SMT manufacturing lines, as well as from painted surfaces and flooring. Normal cleaning with soap and water, liquid solvents, or industrial cleaners are not effective in lifting hazardous heavy metals.

## LEAD REMEDIATION TASK FORCE KIT

RoHS Compliance is more than just removing tin lead solder from manufacturing lines, it is removing hazardous substances from the entire work environment.

If lead-free boards and materials are stored in a contaminated area, or transported on machinery or an apparatus that had been used to store or transport products where lead was used in the process, there is a risk that residues can contaminate your lead-free products.

Manufacturers need to remediate and eradicate hazardous materials to provide a safer and healthier work environment for all employees working in electronics manufacturing today.



### Where to Look

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

### ROHS Compliance in The Workplace: Eliminate the Hidden Threat in 3 Simple Steps

**Step 1: Penetration** Spray Lead Eliminator liberally over the surface to be remediated. Allow the liquid to penetrate for approximately one (1) minute.

**Step 2: Remediation** Use the dual-action Lead Eliminator Wipes to clean the sprayed surface. The abrasive side scrubs and loosens the particles from the surface. Use the smooth side of the wipe to lift off the remaining loose particles.

Wipe the treated surface with the SelectaWipes™ dry wipes to absorb any residual chemistry.

**Step 3: Elimination** Lead Eliminator chemistry will leave a tacky, amber colored residue that is mildly corrosive, so it is important to thoroughly clean the area. To remove all of the Lead Eliminator chemistry, spray the treated surface with IPA/DI and wipe the surface completely with SelectaWipes.



Remediation Kit Contents
Lead Eliminator SuperSaturated SmartWipes®
Lead Eliminator SmartSpray®
SmartRoll® SelectaWipes
IPA/DI SmartSpray®
LeadCheck Test Swabs