



LEAD SURFACE TEST KIT

The **PRO-LAB®** Lead Surface Test Kit provides a simple and reliable way to detect lead on any surface including: toys, cribs, dishes, food cans, lunch boxes, miniblinds, furniture, antiques, paint, pipes, and other items. The effects of lead poisoning can be devastating. It has been estimated that more than 200,000 children in the U.S. have suffered lead poisoning resulting in brain damage, learning disabilities and mental retardation.

IMPORTANT NOTE - YOU MUST READ THIS

Before starting the test, you must cut each piece of lead testing material into three (3) equal pieces, creating a total of six (6) smaller test pads. To ensure longevity, immediately place the product back in package to protect from damaging sunlight.

TESTING DIRECTIONS - PLEASE READ CAREFULLY

TOYS, CERAMICS, DISHES, MINIBLINDS, LUNCH BOXES, PIPES, AND SOLDER

1. TAKE A SMALL test pad and moisten with eye dropper by placing approximately four (4) drops of water on test pad. Be careful not to over-saturate the pad. (Note: Orange coloring indicates the pad is ready for testing).
2. SLOWLY wipe test pad over all surfaces including any chipped or cracked surfaces for two (2) minutes to determine if lead is present.
3. Proceed to Test Results.

PAINTED WOOD OR METAL SURFACES

1. WITH A CLEAN KNIFE, cut a small v-shaped notch to expose all painted layers down to the bare surface.
2. TAKE A SMALL test pad and moisten with eye dropper by placing approximately four (4) drops of water on test pad. Be careful not to over-saturate the pad. (Note: Orange coloring indicates the pad is ready for testing).
3. PRESS AND HOLD the moistened test pad firmly against the notch for two (2) minutes to determine if any of the paint layers contain lead.
4. Proceed to Test Results.

RED PAINTED SURFACES

When testing surfaces that are painted red, you must check for "bleeding" of the red paint by moistening household cotton or cotton-tipped applicator with a few drops of distilled white vinegar. Rub the moistened cotton on the red surface. If red appears, the lead test pads cannot be used.

SOIL

For over 50 years exhaust from America's automobiles, using leaded gasoline, has contaminated the soil in many of our playgrounds and gardens. You can effectively determine the dangerous lead levels by following these directions:

1. Gather one (1) teaspoon of soil and place in a non-leaded (plastic) container.
2. Mix soil to break up any large pieces.
3. Add two (2) teaspoons of white wine vinegar to the soil sample and mix well. Let sample sit overnight at room temperature.
4. The following morning, remove one (1) small drop of vinegar with eye dropper and place the drop on a dry test pad. Wait two (2) minutes.
5. Proceed to Test Results.

LEAD CRYSTAL

1. Add two (2) teaspoons of white wine vinegar in item to be tested. Let item sit overnight at room temperature.
2. The following morning, remove one (1) small drop of vinegar with eye dropper and place the drop on a dry test pad. Wait two (2) minutes.
3. Proceed to Test Results.

TEST RESULTS

- If the test pad or test surface turn pink, red or purple, the test is positive - lead is present. Many factors can affect the intensity of the lead test pad color development. However, in general, the darker the developed color, the higher the lead content of the surface being tested.
- If there is no color change, the test is negative and no leachable lead has been detected.
- Once a test pad has been moistened, all testing must be completed within two (2) minutes.
 - Test pads are not reusable.

PRECAUTIONS - PLEASE READ CAREFULLY

1. Keep all **PRO-LAB®** test kit items and any lead-containing items out of the reach of children.
2. If you wish to test the same item twice, WASH the item with ordinary all-purpose household cleaner before retesting.
3. If test results are positive, exercise precaution when handling the material.
4. **PRO-LAB®** lead surface test pads cannot be used to detect lead in water. Use **PRO-LAB®'s** Lead in Water Test Kit.
5. **PRO-LAB®** lead surface test pads will not detect lead directly on plaster, a gypsum surface or gypsum dust.
6. When testing soldered food cans, be sure to rub the test pads for only ten (10) seconds or less. Longer rubbing times cause the test pads to turn purple, which may mask a positive test for lead.

CLEANING TEST SURFACES

If a surface becomes pink during testing, wash the area with an all-purpose household cleaner and the color will disappear.

WARRANTIES

The **PRO-LAB®** Lead Surface Test Kit provides an instant method for the immediate detection of lead on toys, cribs, dishes, food cans, lunch boxes, miniblinds, furniture, antiques, paint, pipes, and other items. This test kit can alert the user to the presence of lead so that proper precautions can be taken. This test kit is designed as a qualitative (yes or no) test, and should not be considered quantitative (an exact amount). Under controlled laboratory conditions, this test will reproducibly detect as low as five (5) parts per million. Under the conditions described in the directions, the proper use of this test kit will detect high levels of leachable lead. The use of this test kit is not intended to replace a professional inspection. No guarantees are intended or implied.

LIABILITY

The manufacturer assumes no responsibility for the misuse of the **PRO-LAB®** Lead Surface Test Kit or for the interpretation of the results by the user. If lead contamination is suspected, based upon this test, consult a professional testing laboratory, a de-leading specialist or your local Department of Public Health.

For questions or more information call 954-384-4446