GENERAL INSTRUCTIONS – PLEASE READ CAREFULLY

LeadCheck® Swabs provide the user a convenient method to detect lead on any solid surface such as, steel (or any other metal structure), wood, brick, cement, plaster or skin. LeadCheck® Swabs also detect lead solder, lead leaching from porcelain enameled fixtures (sinks, tubs) and vinyl mini-blinds. This innovative and patented test swab can alert the user to the presence of hazardous levels of lead so that proper precautions can be taken to avoid the harmful effects of lead. LeadCheck® is a screening test. It is not intended to be a quantitative test for lead. Please consult a certified laboratory to quantify a LeadCheck® result.

LeadCheck® Swabs contain two glass ampoules of nontoxic testing chemicals. For ALL TESTING APPLICATIONS, use the steps found in the HOW TO USE LEADCHECK® SWABS – ACTIVATION.

LeadCheck® Swabs have an indefinite shelf life.
NOTE: SEE INSTRUCTIONS FOR SPECIFIC SURFACE TESTING

HOW TO USE LEADCHECK® SWABS

ACTIVATION

1) CRUSH. Squeeze and crush points marked “A” and “B” located on the barrel of the Swab.
2) SHAKE AND SQUEEZE. With the swab tip facing down, shake twice and squeeze gently until the yellow liquid comes to the tip of the Swab ---- the Swab is now activated for testing.
3) RUB. While squeezing gently, rub the Swab on the test area for 30 seconds.

TEST RESULTS

a) If the Swab tip, and/or test surface, turn pink or red the test is positive ---- A HAZARDOUS LEVEL OF LEAD IS PRESENT. In general, the darker the developed pink color, the higher the lead content.
b) If the Swab or test area shows no pink or red color change, the test is negative ---- Lead is not detected in the test area. You should confirm that the Swab is active by using the test confirmation card (see instructions below).

For each Swab, all tests must be completed within two (2) minutes.

NOTE:

1) Swabs must be used immediately after being activated.
2) Once developed, Swabs are not reusable.

HOW TO CONFIRM A LEADCHECK® RESULT

TEST CONFIRMATION CARD

Included with the LeadCheck® test kit is a Test Confirmation Card. On each card are dots containing a small amount of lead. The test confirmation card is a quality assurance measure to confirm that the LeadCheck® Swab is working.

CONFIRMATION OF A NEGATIVE RESULT:
If the Swab tip does NOT turn pink or red after rubbing the test area, squeeze a drop of the LeadCheck® liquid onto one of the test dots.

If a pink or red color appears on the confirmation card dot, the Swab was activated properly and lead was not detected.

If the test dot does not turn pink or red, the test was invalid and must be repeated with a new LeadCheck® Swab.

Use the confirmation card to verify negative results only.

INSTRUCTIONS FOR SPECIFIC SURFACE TESTING FOR EXPANDED INSTURCTIONS AND OTHER APPLICATIONS PLEASE VISIT
WWW.LEADCHECK.COM

PLEASE READ THOROUGHLY

PAINTED SURFACES

LeadCheck® Swabs detect lead in paints at 0.5% (5,000 ppm). The EPA recognizes that, when used by certified renovator, LeadCheck® Swabs can reliably determine that regulated lead based paint is not present on all surfaces. LeadCheck® Swabs may indicate lead in some paint films as low 0.06% (600ppm).

To test any painted surface:

a) Clean and remove all dust and dirt from the area to be tested.
b) With a clean knife or scraper, cut a small 1⁄4” notch at a diagonal to expose all painted layers down to the bare surface --- lead may be present in any layer of paint.
c) Rub the activated Swab in the exposed cross-section for 30 seconds. If any of the layers contain water soluble lead pigments, a positive result will occur; the swab and/or surface will turn pink or red.

Paint testing precautions:

1) DONOT touch the SwabTip---wash hands after use.
2) Surfaces which become pink or red during testing may be washed with an all purpose cleaner.
3) Red painted surfaces/ Red Lead. See specific instructions.

NOTE: To Activate a Swab. See steps 1 through 3 in GENERAL.

RED SURFACES/ RED LEAD

“Bleeding” may occur when testing surfaces painted red. However the color that rubs off a surface is often visibly different from the pink to red color that develops when a LeadCheck® Swab detects lead. When testing on red paint, if a positive result occurs, you should test to make sure that it was the reaction of the chemicals that created the red coloring and not “bleeding” from the red paint.

The easiest way to test for bleeding is to CRUSH VIAL “B” ONLY, and bring a drop of the clear colorless fluid to the tip of the Swab. Rub the tip of the Swab on the surface. Any color that appears on the tip has “bled” from the test surface and may make reading the test results difficult. If you are testing a non-metallic surface LeadCheck 1 (PB-1 Sulfide) may be used to screen the surface for lead content.

NOTE: Red Lead Primer applied to steel structures typically has a lead content greater than 50%. This instantly turns the LeadCheck® Swab tip a bright cherry red color that is easy to distinguish from the brick red color that can “bleed” from the primer onto the Swab tip.

TESTING ON PLASTER AND DRYWALL

1) Clean blade of standard utility knife with alcohol wipe
2) Cut nickel sized half circle incision at a shallow angle (approximately 5^{o}). You MUST cut down to plaster so that ALL layers of paint are exposed [Diagram 1]
3) Withdraw razor, peel back flap [Diagram 2]
4) Activate Swab
5) Drip liquid into the cut. Ensure that you hit both the cut hole and the peeled back flap. Do not let swab tip make contact with paint or plaster. [Diagram 3]
6) Let liquid pool in the cut

Diagram 1

Diagram 2

Diagram 3

TESTING LEAD CHROMATE

Lead chromate paint is rarely found in residential homes and was primarily used for industrial applications.

Lead chromate is usually found in red, yellow, green or orange paints and can lead to delayed results. Use instructions for painted surfaces on wood or metal, and use instructions for plaster and drywall depending on what surface you are testing. It is a good idea to reexamine a test site that is suspected to contain lead chromate 30 minutes after the initial test and then 60 minutes after the initial test. If there is still no red or pink coloring, then the negative test result is correct.

WARRANTIES

LeadCheck® Swabs is a screening test for lead and should not be considered quantitative. Under controlled laboratory conditions, LeadCheck® Swabs will indicate the presence of lead as low as 1-2 micrograms. Under the conditions described in the instructions, LeadCheck® Swabs will detect high levels of leachable lead. Use of this test is not intended to replace a professional inspection. No guarantees are intended or implied.

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LIABILITY

The manufacturer assumes no liability for the misuse of LeadCheck® Swabs or for the interpretation of the results by the user. If lead contamination is suspected based on this test, consult a professional testing laboratory, a deleading specialist or your local Department of Public Health.