

**EPA RECOGNIZED**



**Professional  
PAINT TEST KIT**

# **INSTRUCTION MANUAL**

**Before using this Paint Test Kit  
read these detailed instructions**

**Instructional video is available at  
[www.dleadpainttestkit.com](http://www.dleadpainttestkit.com)**

**Part #: PTKIT-24-1.0, PTKIT-027, PTKIT-007**

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# Information

The EPA recognizes that when used by a certified renovator the **D-Lead® Professional Paint Test Kit** can reliably determine that regulated lead based paint is not present on wood, ferrous metal, drywall and plaster surfaces.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC, EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. If lead based paint is detected on an affected surface, then lead safe work practices described in the EPA Renovation, Repair and Painting Rule must be used. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).



## **Solution 1: WARNING: Causes serious eye irritation. Causes skin irritation.**

Contains: Sodium Hydroxide. Avoid contact with eyes and skin. Do not ingest. Wash thoroughly after handling. Keep out of reach of children. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. **If on skin:** Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. **If swallowed:** Rinse mouth with water. Do not induce vomiting. Call doctor if you feel unwell. **If inhaled:** Remove person to fresh air.

## **Solution 2: Causes eye irritation.**

Contains: Ammonium Sulfide. Avoid contact with eyes and skin. Avoid breathing vapors. Do not ingest. Wash thoroughly after handling. Keep out of reach of children. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. **If on skin:** Wash skin with soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. **If swallowed:** Rinse mouth. Drink 2 - 3 glasses of water. Do not induce vomiting. Call a doctor if you feel unwell. **If inhaled:** Remove person to fresh air.

**For more information, see Safety Data Sheet.**

When you use this test kit, wear safety glasses and protective gloves. Do not eat, drink or smoke when using this test kit.

## **Storage**

The **D-Lead® Paint Test Kit** should be stored at temperatures below 90 °F (32 °C), out of direct sunlight and away from extreme heat. Note: If Solutions freeze, allow to thaw before use.

## **Overview**

The **D-Lead® Paint Test Kit** will detect lead in paint by a simple color change.

## **Basis of Test**

**A 3/16" diameter paint sample is collected.  
Proper sample size is essential for consistent results.  
The entire sample is placed in Solution 1 (bottle 1).  
When 5 drops of Solution 2 are added, any lead  
detected will cause a color change.**

**Warranty:** The **D-Lead® Paint Test Kit** provides a quick and convenient test for the absence of EPA regulated lead based paint. Under laboratory conditions this test kit can reliably determine if lead-based paint is not present in paint samples when used according to the directions. EXCEPT AS MAY BE EXPRESSLY SET FORTH HEREIN, PURCHASER ACKNOWLEDGES AND AGREES THAT THERE ARE NO OTHER WARRANTIES, GUARANTEES, CONDITIONS, COVENANTS OR REPRESENTATIONS BY MANUFACTURER OR DISTRIBUTOR AS TO MARKETABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHER ATTRIBUTES, WHETHER EXPRESS OR IMPLIED (IN LAW OR IN FACT), ORAL OR WRITTEN.

**Liability:** The manufacturer assumes no liability for the misuse of the **D-Lead® Paint Test Kit** or for the interpretation of the results by the user. Manufacturer's liability is limited to the refund of the purchase price.

# Contents



Solution 1 bottle



Individually wrapped  
D-Wipe® Towels



Verification Test Strips



Solution 2 bottle



Cleaning Rod

Scoring Tool  
(Sampling tool)



Sample Catch Trays



Razor Blade with  
handle



Waste Disposal Bag

Gloves, eye protection and hammer not included.

## Verify

1. Verify Test Solution 2 is active prior to running your first test each day.
2. Place 1 drop of Solution 2 onto a test strip. Do not dip the test strip into the Solution 1 bottle.

### Verify activity of Solution 2

Age and storage conditions of Solution 2 can affect accuracy of the test.



If the Strip turns black or dark green, Solution 2 is active. Continue testing.



If the Strip does not turn black or dark green, please call:

**877-877-6590**

for instructions or contact your retailer.



Instructional video is available at [www.dleadpainttestkit.com](http://www.dleadpainttestkit.com)

# Select

1. Select sample location.
2. Record sample location on your recordkeeping form.
3. Remove a sample catch tray and fold along lines.



Fold Sample Catch Tray



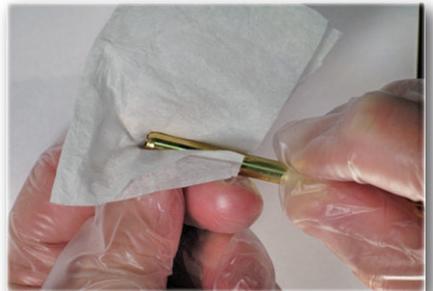
A digital copy is available at  
[www.dleadpainttestkit.com](http://www.dleadpainttestkit.com)

# Clean

1. Put on a clean pair of gloves.
2. Clean the sample area with a **D-Wipe® Towel**
3. Then fold the dirty side in and clean the sampling tools.



Clean sample area and tools



# Sample

Sample size is important to the accuracy of the test. It is important that all of the paint within the circle scribed by the scoring tool is collected and used in the test.

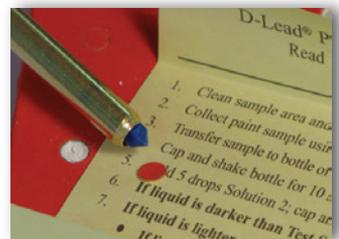
## For Vertical Surfaces:

1. Use the adhesive edge and attach the catch tray directly below the sample area to catch all of the paint chips.
2. Hold the sharpened edge of the scoring tool against the surface to be sampled. Score a circle through all the paint layers to the substrate by twisting and applying pressure or by tapping the scoring tool with a hammer.
3. Scrape off any remaining paint within the circle removing all the paint layers.
  - **Note:** For faster results, minimize the amount of substrate (drywall, plaster, etc.) transferred with the paint.



## For Horizontal Surfaces:

1. Hold the sharpened edge of the scoring tool against the surface to be sampled. Score a circle through all the paint layers to the substrate by twisting and applying pressure or by tapping the scoring tool with a hammer.
2. Scrape off any remaining paint within the circle removing all the paint layers.
  - **Note:** For faster results, minimize the amount of substrate (drywall, plaster, etc.) transferred with the paint.
3. Use the sample catch tray as a dust pan to collect the paint chips.



If the entire sample is lifted by the Scoring Tool, then use the Cleaning Rod to push the sample onto the Sample Catch Tray.

## NOTES



For faster results, sample may be cut into pieces

# Test

It is essential that all of the paint within the circle scribed by the Scoring Tool is transferred to a new bottle of Solution 1 for accurate results.

If any piece of the sample is lost before it is transferred to the bottle of Solution 1, you should collect a new sample.

Never put more or less than one entire sample into the bottle of Solution 1.

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1. Transfer all of the sample to a new bottle of Solution 1, cap and shake for 10 seconds. Set bottle aside for at least 2 minutes.



2. Add 5 drops of Solution 2 to the bottle of Solution 1 containing the sample, close and shake.



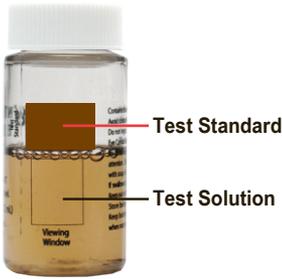
## Note

*View against a well-lit white background (e.g. white paper) to compare the Test Solution to the Test Standard.*

3. Look through the bottle Viewing Window. Compare the Test Solution color to the Test Standard printed above the Viewing Window.

# Results

## Compare the color of the Test Solution to the Test Standard



1. If the Test Solution turns brown, lead is present.
2. If no color change occurs wait 10 minutes and check Test Solution color again.
  - If the Test Solution has turned brown lead is present.
  - If there is no color change to brown no lead has been detected.

**Note:** The addition of Solution 2 may cause a slight yellow tint but this is not an indication of lead present.

## For EPA Certified Renovators

If the Test Solution is **DARKER** than the Test Standard, lead safe work practices are required.

If the Test Solution is **LIGHTER** than the Test Standard, wait 10 minutes, shake and compare the Test Solution to the Test Standard again. If the Test Solution is still **LIGHTER** than the Test Standard then EPA regulated lead is not present.

### Examples



- No Lead Detected -  
The addition of Solution 2  
may cause a yellow tint



- Low Lead Detected -  
EPA regulated lead is not present



- Lead Detected -  
The EPA requires the use of lead safe  
work practices

## Sample Validation

The EPA Recognized D-Lead® Professional Paint Test Kit uses a 3/16" diameter paint sample. If this amount is added to the vial, the entire vial can be sealed up and sent to an analytical laboratory for confirmation. The lead in paint limit according to the EPA standard: Lead; Renovation, Repair, and Painting Program (40 CFR 745) is 1.0 mg/cm<sup>2</sup>.

# Disposal



## D-LEAD<sup>®</sup> Paint Test Kit Waste Disposal Bag

1. After a test is complete, place the bottle of Paint Test Solution 1 in the Waste Disposal Bag along with the used **D-Wipe<sup>®</sup> Towel** and Sample Catch Tray.
2. After using all of the tests place the closed bottle of the **D-Lead<sup>®</sup> Paint Test Solution 2** into this bag. Then seal the bag and dispose in accordance with all local, state and federal regulations.



**WARNING:** Avoid contact with eyes. Do not rub into your eyes. Wash thoroughly after handling. Keep out of reach of children.

**IF IN EYES:** Rinse cautiously with water, also under the eye lids for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. **IF ON SKIN:** Remove contaminated clothing. Rinse skin with soap and water.

**IF INHALED:** Remove person to fresh air.

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Call a doctor if you feel unwell.

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