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# Lead Based Paint Removal can be easier and safer than you think

LEAD-OUT® Paint Stripper is easy to use and reduces the risk of lead poisoning during removal of lead paint.

#### **INSTRUCTIONS**

**STEP 1**: Open LEAD OUT® Stabilizer (Powder) package and mix thoroughly with LEAD OUT® Stripper (Gel). If using a sprayer, then strain the powder prior to mixing. The two components combine to make a semi-paste.

**STEP 2**: Use a paintbrush, trowel, airless sprayer, or other tool to apply. If using a paintbrush apply in one direction using an even stroke of the paintbrush (do not use back and forth motion) until LEAD OUT® is on the surface up to 1/8 inch in thickness.

**STEP 3**: Allow to sit from 5 to 24 hours. After 5 hours check by using a scraper if the coating is softened enough for removal. If not, wait longer and recheck softness.

**STEP 4**: When treated area is ready, remove residue with a scraper or other stripping tool. You can also use pressure washing.

**SURFACE CLEANUP**: After use; wipe surface with a damp wet-scrub pad to remove any remaining residue. Then soak the clean area with water using a sponge, towel, or water hose. Squeegee, mop, or wipe surface clean and let dry.

STORAGE: Store in cool, dry area. Use Lead-Out® within 24 hours of mixing.

For optimum performance apply when air temperature is over 50 degrees (Fahrenheit).

## **Solutions to Common Issues and Mistakes:**

- 1. Mix Thoroughly: Always mix powder and gel thoroughly until powder is fully dissolved into the gel stripper. Poor mixing will lead to poor adhesion to vertical surfaces or ceilings. If Lead-Out® seems too watery or runny, then continue mixing. You can let it stand for up to 1 hour to thicken. Do not allow it to dry out or it will be ineffective.
- Dwell Time: Allow as much time as possible, maximum of 24 hours, for Lead-Out® to remove paint.
- 3. Application Thickness: More layers of paint require thicker application. Rough, porous, or absorbent surfaces require thicker application. One layer of lead paint on a metal surface can be removed with 1/32 inch. Multiple layers of paint including different types of paint (i.e. latex or oil based) on a wood surface will require 1/8 inch. Use common sense and your best judgment when applying Lead-Out®.
- 4. Poor Intercoat Adhesion: This causes premature lifting. Lead-Out® pulls paint off the surface by breaking chemical bonds adhering paint to wood or metal or other surfaces. Sometimes, poor adhesion between different layers of paint (i.e. latex paint on top of lead paint) causes Lead-Ou t® to begin lifting the paint at this layer and only softening the lower layer. This will happen quickly within an hour

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One Gallon Paint Stripper + One pound of MBS Powder



Price 91.95

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2 Gallons Paint Stripper + 2 pounds of MBS Powder



Price 169.95

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 0

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Dollars

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or two – if at all. Scrape the top layer off and apply another layer of Lead-Out® to remove the bottom layer of paint.

- 5. Paint Sprayers: Strain the powder and mix thoroughly to avoid clogs. Use an airless sprayer suitable for medium to heavy material. Do not use a filter. Recommended tip size is 619.
- 6. **Mixing Ratio:** The ratio is 1 pound powder to 1 gallon gel. So, ½ pound of powder can be mixed with ½ gallon of gel or ¼ pound to ¼ gallon. The left over stripper and powder can be sealed tightly (separately) and stored in a cool dry place for several days.
- 7. Leftover Lead-Out: Do not store after mixing. Use Lead-Out® within 24 hours of mixing. Dispose of any remaining Lead-Out® in same container as the lead paint waste.
- 8. Sun or Wind: Try to avoid direct sunlight or harsh winds. Dry weather can cause Lead-Out® to dry out too quickly. Possible solutions: apply Lead-Out at night, cover with plastic, or erect a barrier to block sun and wind. Do not cover with plastic under normal conditions.
- 9. Very High Concentrations of Lead: Contact us if the TCLP results are not satisfactory. Adding more powder will neutralize more lead and other heavy metals. Upon receiving your TCLP results, we will send you extra MBS powder, which can be added to the lead paint waste to ensure complete stabilization of lead and other hazardous metals.
- 10. Epoxy: Lead-Out®, as it is formulated will remove some epoxies, but has a very difficult time with many epoxies. We have removed some pretty thick epoxies, but the dwell time exceeded 30 hours. Apply Lead-Out® at 1/8 inch for 35 hours for testing on epoxies. Any lead or other heavy metals will be rendered non-hazardous even if the epoxy is not removed.

#### Click here to purchase

When working with lead paint, every precaution must be taken to ensure the safety of everyone working on the project or living near the project. LEAD-OUT® Paint Stripper permanently transforms lead paint into a non-hazardous material. This specialized paint stripper is environmentally friendly, safe to use indoors, non-toxic, non-caustic, easily sticks to the vertical surfaces, and will remove multiple layers of paint.

Disposal For Commercial Applications: When the TCLP test returns as non-hazardous, then waste can be disposed of as a non-hazardous material. Contains a proprietary formulation of MBS®, an EPA "SITE" proven technology that renders lead and other heavy metals non-hazardous. Individual homeowners do not need to obtain a TCLP test before disposing of the waste.

Warranty: The performance of LEAD-OUT® as a paint stripper can be affected by conditions during application. In no event shall Environmentally Helpful Products LLC be liable for any consequential, indirect, or other damages whether arising from negligence or otherwise. Manufacturer warranty: Integrated Fixation System Co, Inc., ("IFS") Warrants only that the product delivered will be merchantable and free from defects in material and workmanship at the time sold. IFS under no circumstances is liable for losses, damages, expenses or consequential damages arising from use of or inability to use our product. Warning: Do not mix with strong acids (i.e. preoxacetic acid or acetic acid), organic halides (i.e. chloroform, methylene chloride) or peroxides (hydrogen peroxide, all peroxy acids).

FIRST AID: If swallowed seek medical attention immediately. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes, should eyes continue to be irritated after washing seek medical attention; in case of contact with the skin wash thoroughly with soap and water.

Learn about Lead Safe Work Practices before removing lead based paint. Using LEAD-OUT® is the safest way to remove lead based paint.

US Patent # 6,838,504 and 7,208,457

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