

LEAD-BASED PAINT



Flaking paint on a windows sill: assume it contains lead paint unless testing indicates otherwise

Facts about Lead-Based Paint:

- Lead paint is a major source of lead poisoning in children and can affect adults
- Buildings constructed or renovated prior to 1978 can contain lead-based paint (affects many UVA-owned buildings)
- Regulations differ for commercial and residential structures
- OSHA Lead in Construction Standard governs contractors and their workers who may be exposed to lead-based paint during construction or renovation projects

Lead Paint Identification:

- Home test kits are available, but are unreliable
- Testing of commercial buildings can be done by a qualified professional who does screening and sends samples to a lab for testing

Preventing Exposure:

- Lead-based paint in good condition does not pose a problem (except in residences with children under 6)
- Lead paint can be covered (e.g., drywall, vinyl or aluminum sills)
- Lead-based paint in poor condition should be properly removed
- Lead-based paint in residential buildings with children under the age of 6 **MUST** be de-lead.

De-Leading

- Low to moderate risk de-leading can be done by anyone. This involves obtaining the proper training (for moderate risk this includes an exam) and only allows **MINOR** projects such as removing windows, putting on aluminum sills, repairing small amounts of lead paint (less than 2 square feet without sanding to bare wood)
- **MAJOR** de-leading projects **MUST** be performed by a licensed contractor
- Surface beneath the area to be de-lead must be covered with a layer of fire proof 6-mil poly sheeting
- Areas where lead dust may migrate (windows, HVAC components, vents) must be covered
- Appropriate PPE is worn (respirators and protective clothing on hands and body) and available engineering controls must be applied
- Lead is then removed by wet scraping (manual tools with water misting of working surface)
- Wet or dry sanding or dry scraping can only be done if tools are equipped with a HEPA vacuum attachment
- Lead-based paint chips/debris and PPE **MUST** be containerized for disposal
- Residential properties with children under 6 require a follow up inspection by a licensed lead inspector



Wet scraping (removal of loose and flaking paint) performed by a licensed de-leading contractor



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