

# JOB SAFETY ANALYSIS

Safety Information for the University of North Carolina at Chapel Hill

## FACILITIES SERVICES

### MAINTENANCE

## CLEANING SURFACE MOLD GROWTH ON HARD SURFACES

**Level II: Mid-Sized Isolated Areas (10 - 30 sq. ft.)**

<table>
<thead>
<tr>
<th>TASK</th>
<th>HAZARDS</th>
<th>CONTROLS</th>
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<tbody>
<tr>
<td>1. Inspect for all visible mold and outline scope of work for removal.</td>
<td>Improper scope of work</td>
<td>• Contact EHS for direction or inspection assistance.</td>
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<tr>
<td>2. The work area should be unoccupied. removing people from spaces adjacent to the work area is not necessary but is recommended for infants (less than 12 months old), persons recovering from recent surgery, immune-suppressed people, or people with chronic inflammatory lung diseases (e.g., asthma, hypersensitivity pneumonitis, and severe allergies).</td>
<td>Can cause health related concerns for Infants (less than 12 months old), persons recovering from recent surgery, immune-suppressed people, or people with chronic inflammatory lung diseases (e.g., asthma, hypersensitivity pneumonitis, and severe allergies).</td>
<td>• Open line of communication with occupants and building contacts.</td>
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| 3. Gather PPE and cleaning materials | Personal exposure and incomplete cleaning | • Proper PPE and cleaning materials  
• Eye protection, gloves and N-95 respiratory protection are recommended. |
- Surfaces in the work area that could become contaminated should be covered with a secured plastic sheet(s) before remediation to contain dust/debris and prevent further contamination.
  - Dust suppression methods, such as misting (not soaking) surfaces prior to remediation, are recommended.

4. a) Operate HEPA Air scrubber in the contaminated area
   b) HEPA Vac all surfaces
   c) Clean all visible mold with plain water or with water and detergent solution.
   d) Remove or discard all contaminated porous surfaces
   e) Repeat HEPA vac of all surfaces

5. Don PPE

6. Clean all visible mold with plain water or with water and detergent solution.

7. Place all used cleaning materials in trash bags, tie bags and dispose of in regular trash

8. Inspect area for possible leaks or water intrusion.

**Required Training:**
1. Mold Remediation
2. PPE
3. Ladder Safety

**Required Personal Protective Equipment (PPE)**
1. Protective gloves
2. Eye protection
3. Tyvek suit if needed (EHS will advise)
4. N-95

**Other Information:**
This JSA applies to: 1) Surfaces such as metal, plastic, vinyl, glass, and solid building materials and 2) Only surface cleaning and not aggressive remediation methods that create airborne mold spores such as removal/demolition of building materials. For areas less than 30 sq. ft Level II

June 2019
For more information about this JSA, contact the
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