

Job Hazard Analysis

JHA Number 0040-UVM-Athletics	Facility University of Vermont	Date Prepared 10/21/2020	Revision Date 10/21/2023
Approved by		Analysis by BRENNAN, VINCENT	
Description Proper Electrostatic Disinfecting			
<i>Smart Tabs</i>			
Related Job Titles	Related Departments	Related Locations * RECREATION & FITNESS CENTER-0123	Related MSDS
			Training Requirements * Medical Clearance for Respirator (Questionaire) * OSHA Respiratory Protection 29 CFR 1910.134 & 1926.103 (Initial)

<i>Additional Description</i>
<p>This Job Hazard Analysis is specific to the use of Electrostatic Spray Equipment for application of EPA registered disinfectant 128 E-FECTicide, Green Klean Chlorinated Disinfecting Tablets or Avistat-D.</p> <p>Common sense should be applied when executing any job. We do our best to implement hazard control measures such as engineering controls, administrative controls and Personal Protective Equipment (PPE). When the hazard is still present the use of certain PPE may be required for one or more steps but not all of the steps. However, it may be prudent to don all required PPE for the duration of the JHA.</p>

Step/ Area	Task Step Description	Hazards	Control Measure	PPE Required
1	Review the following Multi-Clean Documents prior to first use and as needed. 1. Electrostatic Spray Application of Disinfectants Against Emerging Viral Pathogens 2. Multi-Clean 128 E-FECTicide - Technical Bulletin 3. Safety Data Sheet for the product in use 4. Websites for Instruction Video and Information for the proper use and application for Electrostatic Sprayers	N/A	N/A	
2	Preparation for Application - No one with a medical device such as a pacemaker should operator sprayer	N/A	Signs to inform occupants disinfecting is in operation. No occupants within 20 feet of spraying activities	
3	Inserting Fully Charged Battery	electric shock	Ensure switch is in the off position and all contacts are clean and dry.	Safety glasses, UVM Issued; Gloves, chemical resistant, nitrile rubber
4	Filling Reservoir with solution	Splashing skin and eye	premix	Safety glasses, UVM Issued; Gloves, chemical resistant, nitrile rubber
5	Application of solution with electrostatic sprayer	Respiratory protection in case of insufficient ventilation or when experiencing difficulty breathing. Skin and Eye	Identified Area starting at the far end and working your way out away from the spray in a "S" shape pattern high to low. Spray nozzle should be 3 to 4 feet away from surfaces. Never walk into spray, always work your way out of the area being treated.	Safety glasses, UVM Issued; Gloves, chemical resistant, nitrile rubber ; Respirator, disposable
6	Clean and Store Equipment for Next Use	Splashing - skin and eye	Designated space for cleaning and storage	Safety glasses, UVM Issued; Gloves, chemical resistant, nitrile rubber

Job Hazard Analysis Continued

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