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ABBREVIATED TEST REPORT  
FOR THE  
EFFECTIVENESS OF GREAT SOUTHERN COATINGS (GSC-2000) IN DECONTAMINATING  
BIOLOGICAL AGENTS

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13. ABSTRACT (Maximum 200 words)  GSC 2000 effectively killed wet or dried anthracis simulant <i>Bacillus subtilis</i> (BG), when exposed for 30 minutes with an impressive 7 to 8-log reduction. However, when aerosolized GSC 2000 was applied using HydroForce Puremist ULV sprayer on dried BG spores, the reduction was around 2 to 3-log. Prolonged exposure of dry BG spots to aerosolized GSC 2000 (more than 20 minutes) had no advantageous effect due to the decontaminant evaporating from the surface.  Experiments with two pathogenic strains of <i>Bacillus anthracis</i> (volum and ames) spores using aerosolized GSC 2000 showed 4 to 6-log reduction when exposed for 30 minutes. Under the same conditions, there was only 3-log reduction in BG spores. It appears that <i>Bacillus anthracis</i> is more vulnerable to GSC 2000 than BG spore preparations.				
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