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To Whom It May Concern:

RE: Addressing the Question of Buildup of Iso-10 Chemicals  
on Surfaces With Repeated Spraying

Assumption: Mix the contents of one Iso-10 pouch in one gallon of water, This gallon would be used to treat 6250 square feet of floor space. Assuming an average hotel room is 350 square feet, a total of 0.056 gallons of solution will be used per room. That volume of solution would treat the floor, ceiling and walls, and the square footage of all these surfaces would equal 1299 square feet (the actual square feet inside the room would be greater because of furniture). The quat contained in one gallon of solution is 3.29 grams which would be distributed over the 1299 square feet in the room.

Assumption: Spray every day for one year (a worst-case situation). Identifying the amount of quat sprayed and the area it covered, the amount deposited over the surface area and the thickness of the coating can be measured using the above assumptions. After a year of daily spraying, the quat coating would build to a thickness of 0.00002 inches per year. In my opinion, this amount of buildup is insignificant and would cause no visible change in any surface. Furthermore, it would not pose any health issues for the occupants of the room.

Assumption: Hotels will not be spraying daily as shown in the example above. Hence, the amount of buildup will be significantly less based upon intervals of spraying.

Regards,

Keith Rhodes  
Technical Director R & D

CC: Chas Rahausser

