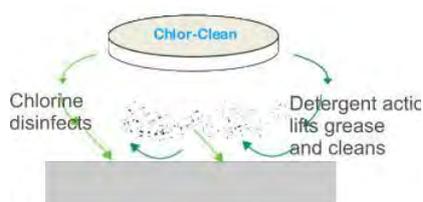


A “Chlor-Clean bill of health” for Spradling vinyls



Guest Medical Ltd, the UK-based manufacturer and supplier of hospital disinfection products, recently carried out a study on the effect of their product **Chlor-Clean** on various **Spradling** vinyl-coated upholstery materials supplied by their UK distributor **CTP Textiles**. The study was instigated in order to determine what effects repeated applications of chlorine solutions would have on the vinyl-coated upholstery materials produced by **Spradling** and supplied to healthcare furniture manufacturers.

Healthcare workers are required, under UK Department of Health guidelines, to use chlorine products at a strength of 1,000ppm (0.1%) for environmental disinfection of surfaces, in order to combat contamination from harmful micro-organisms such as *Clostridium difficile*, MRSA, VRE and *Acinetobacter* etc. However, many healthcare workers are concerned about damage to furniture and fabrics from chlorine products, hence the reason for this study.



Chlor-Clean, is used at 1,000ppm (0.1% or one tenth of the strength of ordinary domestic bleach) and, when used correctly, has been found not to cause damage to stainless steel, enamel bed frames, commodes or mattress covers.

The tests carried out by **Guest Medical** on four **Spradling** vinyl-coated product ranges (**SIERRA⁺**, **CONTOUR**, **SILVERTEX BS**, and **VALENCIA BS**) used **Chlor-Clean** tablets in a solution of 1,000ppm (0.1%) and 10,000ppm (1%), both tested against a control of ordinary local tap water. Daily applications of these solutions (including the plain tap water) were made under controlled conditions to sample pieces of each of the vinyl-coated products over a period of 12 weeks and 1 day, totalling 366 applications per sample piece. This simulated a daily cleaning regime over a one year period. However, in practice vinyl upholstery is normally only cleaned with disinfection in exceptional cases of infection for short periods of time, and therefore this simulation would be the equivalent of applications applied over 3-4 years. With the 1% solution applications (ten times the normal solution) this would be the equivalent of daily applications over a 10-year period.



After a total of 366 applications, no detrimental chemical or physical effect was observed in any of the samples treated with either of the **Chlor-Clean** solutions. Neither was there any evidence of bleaching or loss of colour. The **Guest Medical** report therefore concludes that use of **Chlor-Clean** at the recommended concentration of 1,000ppm did not result in any detrimental effect on the **Spradling** vinyl-coated upholstery materials supplied by **CTP Textiles** for this study.

For full details of the **Guest Medical** test report click on the following link:

