

## **Liquid Guard® antimicrobial surface coating offers the chance to return to pre-Covid cleaning routines after successfully being certified effective against SARS CoV-2**

Liquid Guard® antimicrobial surface coating has been tested for its effectiveness against the SARS CoV-2 virus. This follows on from extensive testing on other enveloped viruses, such as TGEV Coronavirus and Influenza A. "We are pleased to announce that the independent laboratory test proves that Liquid Guard delivers an additional level of hygiene between cleaning and disinfection cycles;" the test report is available on request.

Applying Liquid Guard to a surface actively neutralises viruses such as SARS CoV-2 along with other commonly found bacteria such as E.coli, MRSA, Streptococcus and Staphylococcus, among many others. This action is achieved through the creation of a layer of positively charged microscopic nano spikes, which attract negatively charged cell membranes. The cells' outer wall is ruptured, killing the cell and preventing it from replicating or being passed on from the surface through hand-surface-hand transfer, thereby reducing the spread of infections between families, colleagues and the wider community.

Liquid Guard antimicrobial surface coating permanently bonds to the substrate and becomes part of the surface for twelve months, as proven by abrasion tests that have been carried out to ISO 11998.

Field trials using adenosine triphosphate (ATP) testing have shown significant reductions in microbial colonies on treated high-touch surfaces, such as keyboards, door handles, desks and hand sanitiser pumps within offices and school environments.

Liquid Guard does not replace 'regular cleaning' as this is still required to remove dirt, dust and debris from surfaces, but with regular ATP testing, Liquid Guard does allow companies, educational and healthcare settings to return to pre-Covid cleaning routines with confidence.

### **Image Captions:**

**Image 1:** Liquid Guard antimicrobial surface coating permanently bonds to the substrate and becomes part of the surface for twelve months, as proven by abrasion tests that have been carried out to ISO 11998.

**Image 2:** School Canteen table top ATP test results before application.

**Image 3:** School canteen table top ATP test results 7 days after coating.

### **About Signo-Nanocare UK**

Signo-Nanocare UK specialise in the development and manufacture of nanoscale easy-clean and stain-resistant smart coatings. Our product range consists of nano coatings that provide protection for a diverse range of surfaces from cloth to concrete.

Since the year 2000, our multi-national Nano-Care group of companies, from state-of-the-art product development and laboratory testing facilities, has evolved its leading technical knowledge and expertise in the manufacturing of SiO<sub>2</sub>-based high-performance coatings. Based in Shropshire, we distribute throughout the UK and overseas.

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