

PRESS RELEASE

GERGONNE & PYLOTE SUCCESSFULLY TEST THEIR ANTIMICROBIAL FILM COVERSAFE™ ON SARS-CoV 2 VIRUS RESPONSIBLE FOR COVID-19

96% efficiency after 1 hour of activation of the PYLOTE antimicrobial technology

Toulouse/Oyonnax (France), January 7, 2021 - PYLOTE, a specialist in mineral and ceramic industrial chemistry, and GERGONNE INDUSTRIE, a manufacturer and converter of technical adhesive tapes, announce that they have carried out major new tests on the effectiveness of COVERSAFE™, their antimicrobial protective film launched on the market since June 2020.

SARS-COV-2 TEST: COVERSAFE™ 96% effective after 1h contact time

COVERSAFE™ adhesive films have been tested according to the methodology of the ISO 21702 standard, within the Virology Department of the University of Limoges (Laboratory RESINFIT UMR Inserm 1092 & Microbiology Laboratory, CBRS, CHU of Limoges accredited COFRAC).

Surfaces of COVERSAFE™ adhesive films activated by the PYLOTE technology were compared to similar control surfaces but without the technology. **The contact of the COVERSAFE™ film with the strain of human coronavirus SARS-CoV 2 strain BASA induced a reduction of the log viral load of 1.42 log after 1 hour contact time, i.e. 96% efficiency, persisting at 10 days of culture.**

These results were obtained in an environment reproducing extreme conditions of use (greasy, voluntary soiling) of the surface known as "dirty hands conditions" which go beyond normal use.

IN SITU TESTS IN REAL CONDITIONS CARRIED OUT BY BUREAU VERITAS: COVERSAFE™ effective against microbiological transmission and contamination

COVERSAFE™ adhesive films have also been tested in situ in real conditions of use at the Xavier Bichat high school (600 students) in Nantua (Ain). The objective was to evaluate the biocontamination with or without the use of COVERSAFE™ antimicrobial protective films. The samples were taken from the main door of the school (used by several hundred people every day) and from a table in the catering self-service area.

The results demonstrate the very clear efficiency of the COVERSAFE™ adhesive film that allows a strong reduction of the risk of microbiological transmission:

- Main door of the high school (inside): division by 3 of the total flora present.
- Self-catering table (inside): division by 4 of the total flora present.
- Main door of the high school (outside): division by 2 of the total flora present.

All the surfaces equipped with COVERSAFE™ films have a value lower than the maximum target value of total flora of 50 CFU / 25 cm² (from the bio-cleaning guide), whereas only 33% of the surfaces without COVERSAFE™ films respect this value.

These completely independent results prove the performance of COVERSAFE™ adhesive films in real and extreme conditions (very high traffic) of use.

ABOUT COVERS SAFE™ - The main property of COVERS SAFE™ antimicrobial adhesive film is the maintenance of microbiological hygiene throughout the life of the surfaces it is applied to. It is safe for users, including young children. Activated by PYLOTE technology, it has an immediate, stable and permanent microbial decontamination action (Pylote technology has been tested for more than 4 years without loss of effectiveness), particularly against viruses and bacteria, and helps to prevent the spread of COVID-19 and other hand-carried infections. Since June 2020, COVERS SAFE™ has equipped more than 1,000 companies, businesses, local authorities and schools/universities in more than 25 countries.

ABOUT THE PYLOTE TECHNOLOGY - PYLOTE's breakthrough technological innovation consists in integrating mineral ceramic microspheres by mixing those with materials such as adhesive films or paints. After application, coated surfaces such as public places (bars) or office tables are activated to destroy microorganisms. These non-metallic mineral beads act as a catalyst causing microbial decontamination of the surfaces and provide continuous and stable protection against microbial contamination and keep a very high level of safety, efficiency and hygiene during the entire life cycle. During the 10 years of development, the effectiveness of PYLOTE's technology has been tested on a very wide panel of microorganisms specific to applications in the food industry, health, industry or cosmetics.

ABOUT PYLOTE - Founded in 2009 and based in Toulouse (France), PYLOTE is a key player in the cleantech industrial mineral and ceramic chemistry, globally recognized by its in-house breakthrough and sustainable innovation. Pylote is developing, producing and selling an unique natural protection solution patented from process to applications that solves issues faced by consumers with regards to safety, hygiene and sustainability. By focusing on market differentiation, PYLOTE supports its clients in the pharmaceutical, cosmetic, food and industrial markets for regulatory, marketing and industrial steps to generate a powerful value proposition in a quick time to market, without neither investment nor change in the current manufacturing process. Since 2016, the PYLOTE innovation, which is in compliance with the FDA, cosmetic, pharmaceutical, food, international regulations and Food contact approved, has been repeatedly and internationally awarded-winning: Pharmapack Award, CPhI Pharma Award, the Oscar of Packaging for Food Applications, Trophy of CSR Solutions, MakeUp in New York Tree Innovation Award.



ABOUT GERGONNE: Founded in 1962 in Oyonnax in the heart of the Plastics Valley, GERGONNE is an independent French family group, one of the European leaders in the manufacture of technical adhesive tapes, as well as the manufacture of self-adhesive die-cut parts in flexible materials. With a strong focus on innovation and value creation, GERGONNE markets its self-adhesive solutions in the automotive, electronics, medical, construction and industrial sectors. GERGONNE employs 130 people in France and 400 people worldwide through its own subsidiaries (Mexico, China, Slovakia, Spain and Morocco).



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