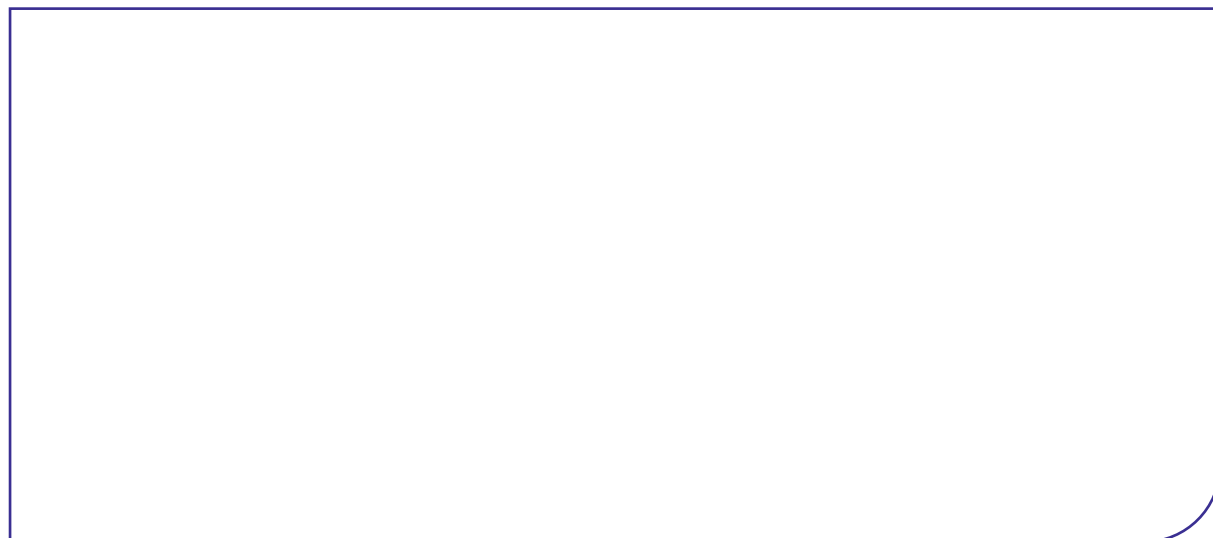


Games safer  
than ever!

New printing technology

At a time when shaking hands has become an act of bravado, playing together involves a lot of risk and many people decide to give up on fun. What if we could offer **safe games that automatically disinfect themselves** without any undue harm to people or the environment?



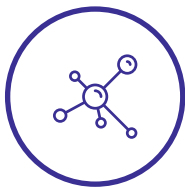
In contrast to the previously used printing solutions, the varnish is completely safe for users and the environment, and characterised by its exceptional durability and wear resistance.



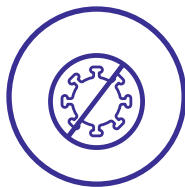
Safe games that self-disinfect.



## Join forces with us and offer your customers games that actively fight all the germs!



Our breakthrough solution based on nanoparticle technology ensures safety on many levels.



The surface covered with an innovative varnish coating has long-lasting biocidal, fungicidal, virucidal and hypo-allergenic properties.



The efficacy of the innovative varnish was confirmed in tests.



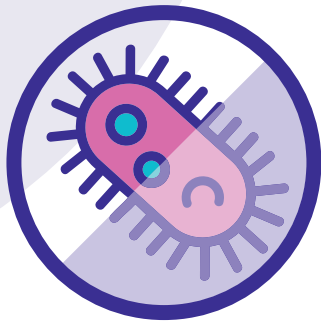
Products coated with our biocidal varnish do not have to be disinfected, which makes games made using this technology a perfect fit for kindergartens, day care centres and even hospitals.



All products coated with the new varnish are safe for children and allergy patients.



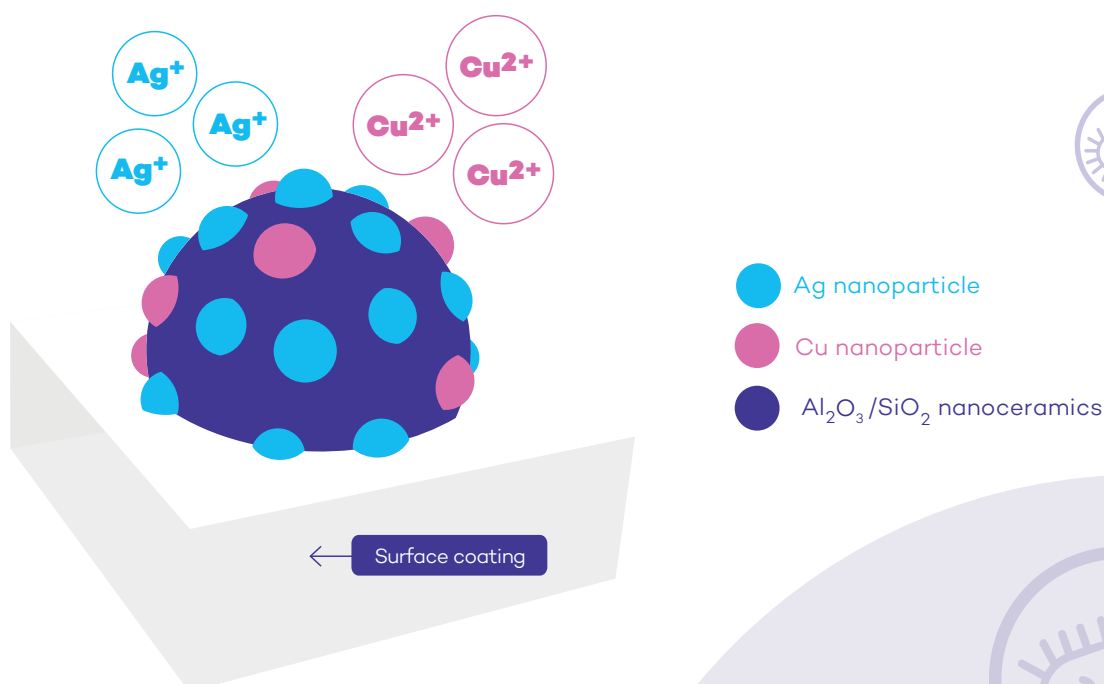
Products made with nanotechnology are environmentally-friendly and odourless.



With state-of-the-art technology, we can minimise the risk of transmission of infections while using our games. A special **Biocidal Coating logo** informs customers about the implemented solution.

## Technology details

Nanochemistry these days is one of the most rapidly developing fields of science that already starts changing our everyday lives. That is why we decided to harness the power of nanotechnology to create our innovative varnish. **The coatings used for our games contain silver and copper nanoparticles embedded in nanoceramics – materials known for their biocidal properties.** The nanoceramics improve the stability of Ag and Cu nanoparticles and their bioactivity, which ensures great biocidal properties of the varnish, allowing it to destroy bacteria, fungi and viruses that settle on the surface coating.





Unlike traditional disinfection methods (usually employing alcohol-based products) the varnish is permanent, does not generate unpleasant smell and **does not require us to do anything.**

Varnish nanoparticles never forget about disinfecting the surface, which is something that happens to the best of us more often than we are willing to admit.



The unique biocidal coatings prevent migration of bacteria and viruses between players.

The development of a self-disinfecting varnish was preceded by advanced re-search. We wanted to adapt our printing solutions to the specific user requirements, which resulted in the development of a nano-composite varnish for surface coating.

As a result, we can offer our customers a unique solution in the world and we are proud to announce that we have made a breakthrough in the realm of board game and playing card safety.



In order to prove the effectiveness of the innovative coating, it was tested against a whole panel of dangerous microbes. We are proud to say that our innovative product passed this test!

