ABSTRACT

This invention relates to the use of the dual inactivation mechanisms method of the self-disinfecting coating against viruses, bacteria and fungi, involving reactive oxygen species (ROS) mechanism and denaturation mechanism, deriving its functional properties from the synergistic chemical formulation comprising of colloidal silver and copper nanoparticles, quaternary ammonium compounds, chlorhexidine and silicone emulsion fluid.

"No Suitable Figure"