

How Does BIOPROTECT™ work?

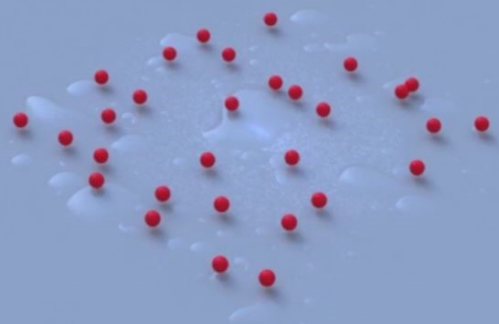
It kills microbes by first creating a non-receptive surface with the first application which, for visualization, can be likened to spikes that pierce and rupture the cell membrane of a microbe. Each molecular spike carries a positive charge that attracts the negatively charged bacteria. Once attracted, the molecular spikes pierce the cell rupturing its cell membrane, and the bacterial microorganism dies. Antimicrobial resistant strains (or Superbugs) cannot develop.



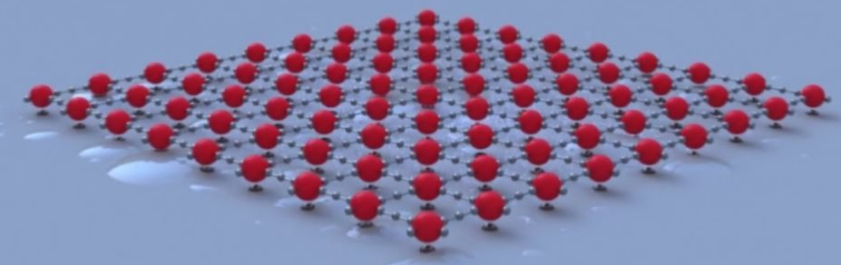
Step 1 Mist Surface



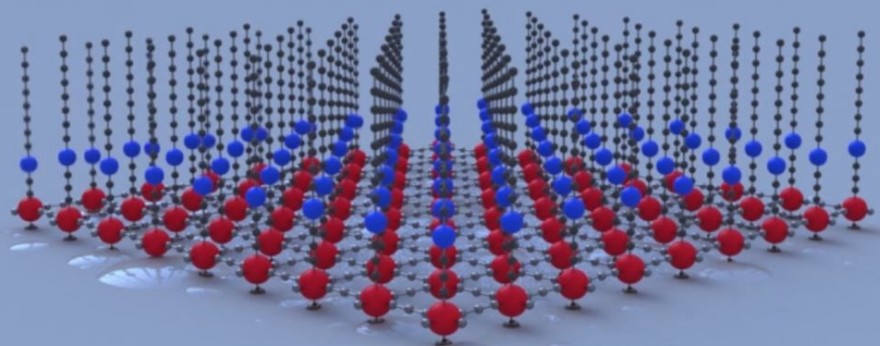
Step 2 Surface dries



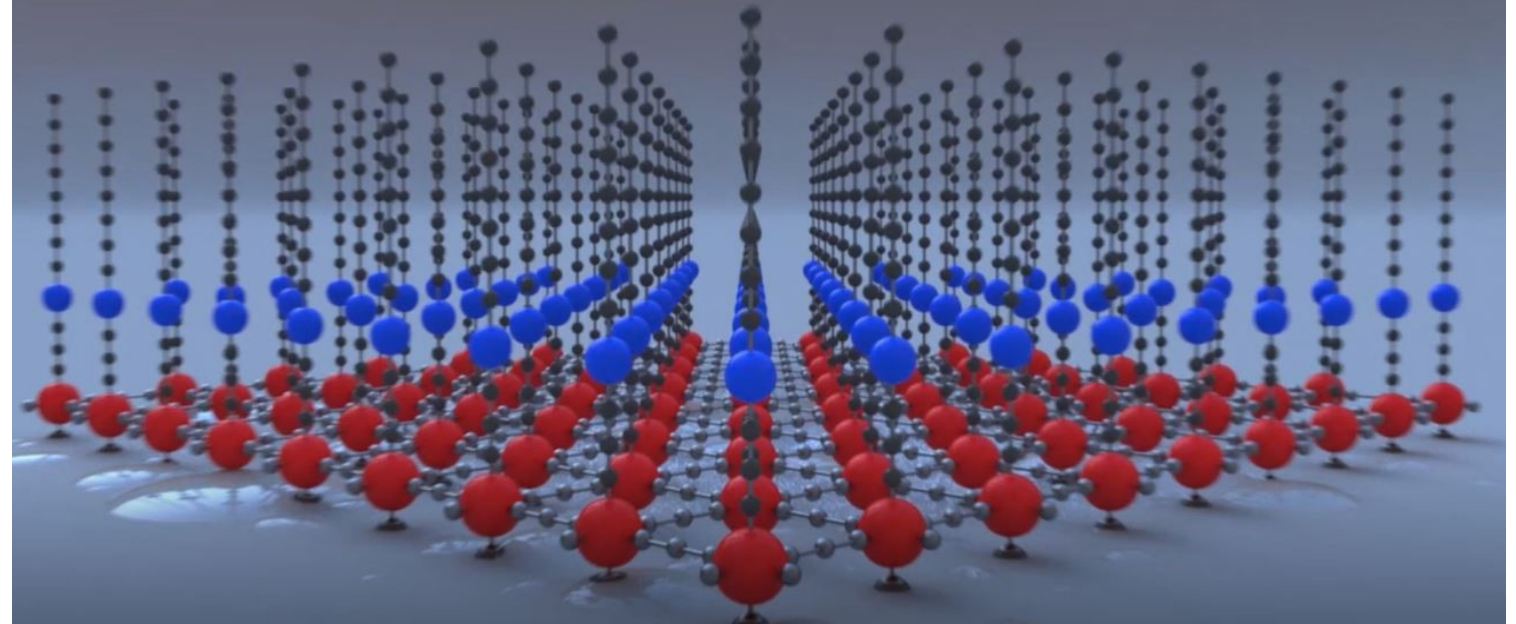
Step 3 Covalent bond is created



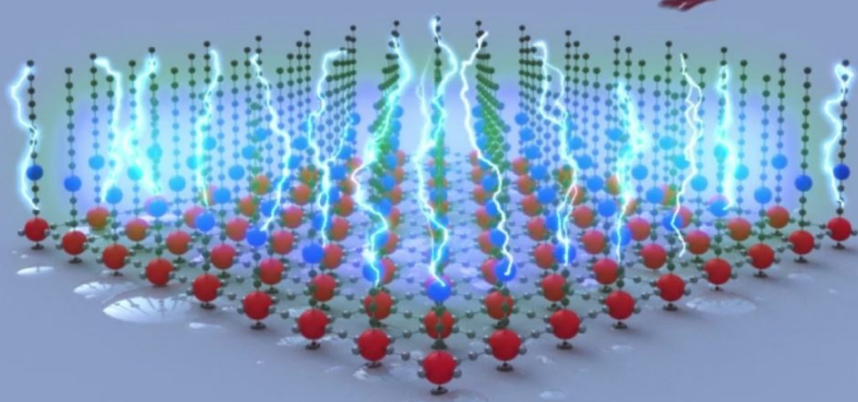
Step 4 Nano spikes form



Close up of spikes



Step 5 positively charged Spikes attract microbes



Step 6 Microbes are pierced and Destroyed

