

# Antimicrobial Coating

## Abstract

The present invention relates to an antimicrobial polymer, a method of preparing antimicrobial polymer and a method of using the same to form a stable and durable coating that provides good contact-active antimicrobial property which is safe for human usage. The polymer comprises quaternary ammonium silane and silanol that are capable of imparting an antimicrobial property to a surface by forming a cross-linked polymer coating.

[No suitable figure]