



Bonded
with



Antimicrobial & Antibacterial Protection

Actively combatting cross-contamination risk

Patented protection, unique Nano bonded technology, persistently destroys microbes,

Safe use, and verifiable antimicrobial activity

Patented protection: Provides immediate & persistent protection against microbes:

A unique Nano bonded Antimicrobial Technology

- Covalent bond permanently affixes MicrobeCare™ to surface
- Cross linking between adjacent molecules forms a matrix of swords
- 18 link carbon chain sword pierces microbes as they are pulled towards the nitrogen atom
- The positively charged nitrogen atom attracts microbes to the surface and ultimately electrocutes the microorganisms through a positive-negative ion exchange

Persistently & mechanically destroys microbes

Persistent 4 log (99.99%) reduction for years against broad spectrum gram-positive & gram negative **bacteria, viruses, fungi, algae, yeast, such as MRSA, HIV, E.coli, C diff vegetative state** & others in less than <20 minutes.

MicrobeCare™ safety

- Not consumed by microorganisms
- Remains functional on surface or material for long period of time
- Does not allow microbe mutation
- Will not leach off, affect user or environment
- Reduces odor, colorless, extremely low toxicity, long history of safe use

Verifiable with ATP bio-contamination testing with published studies

- **Published AJIC peer review studies**
- Evaluated by Hospital, Bank and Independent lab efficacy tested for
- Comprehensive toxicity testing
- Confirmed antimicrobial 4 log (99.99) microbe surface reduction
- Intracutaneous reactivity irritation test
- Maximization sensitization testing
- Mediated pyrogen testing
- MicrobeCare™ certificate of analysis
- Simulating effectiveness of MicrobeCare antimicrobial activity after exposure to 1200 industrial disinfectant cleaning cycles.