

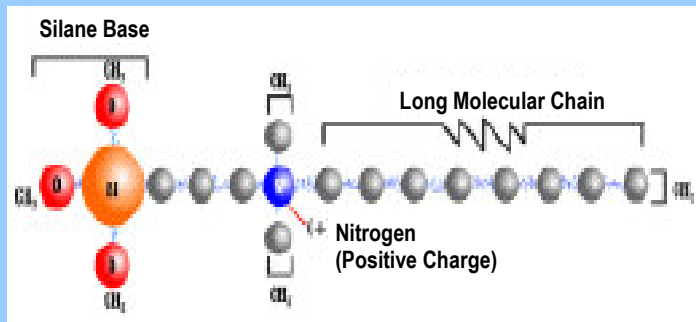
Frequently Asked Questions:

Why should I use MPSS antimicrobials?

MPSS Environmental uses only EPA Registered anti-microbials that are proven safe and effective to prevent mold, bacteria, mildew, algae and fungus. We guarantee our applications for **10 years**.

How do the Antimicrobials chemicals work?

The active ingredient in the MPSS Antimicrobials forms a colorless, odorless, positively charged polymer, which chemically bonds to the treated surface. You could think of it as a layer of electrically charged swords. When a microorganism comes in contact with the treated surface, the quaternary amine sword punctures the cell membrane and the electrical charge shocks the cell. Since nothing is transferred to the now dead cell, the antimicrobial doesn't lose strength and the sword is ready for the next cell to contact it.



What is the purpose of the silane portion of the molecule?

Silanes are extremely efficient bonding agents, which can be coupled to other molecules and then used to permanently bond those molecules to a target surface. This process modifies surface properties of building materials and transforms them to a material that will not support microbial growth.

Are MPSS Antimicrobials safe for people and the environment?

This EPA Registered microbe preventative has been used safely for over 26 years. It is currently used by Nike, Reebok, New Balance, Rockport, Brillo Pads, Franklin Sports, and used in: air filters, hospital drapes, hospital clothing, wound dressings, socks, baby mattresses, baby diapers and thousands of other products. Our Antimicrobial technology was used extensively on over 300 buildings surrounding ground zero.

What is the difference between MPSS Antimicrobials and other antimicrobials on the market?

Conventional products penetrate living cells and kill by way of poisoning the organism. They are designed to act quickly and dissipate quickly to avoid adverse effects to humans and animals due to their toxic ingredients. The heavy metal based antimicrobials on the market leach into the environment and lose their effectiveness over time. The Antimicrobials we use take a totally unique approach. They provide an effective elimination of microbes when applied, but also provide long-term control of growth on treated surfaces for the life of that surface. The surface itself is modified to make it antimicrobial active.

Do MPSS Antimicrobials give off gases during or after application?

No. They do not volatilize, dissipate, or leach onto other surfaces or into the environment. Their chemistry polymerizes where it is applied and forms a permanent bond that lasts for the life of the treated surface. Normal cleaning will not remove the treatment, although it can be abraded away with heavy abrasion.

How long does the antimicrobial treatment last?

Since the cured antimicrobials are nonvolatile, insoluble, and non-leaching, the treatment should last for the life of the treated surface. In our extensive experience, our certified applicators have seen effectiveness for ten years or more.

Is it expensive?

Not at all. For approximately the same price as a water purification system, your home can become mold free. Damage caused by mold can cost tens of thousands of dollars in remediation. Most insurance companies now have exclusion clauses stipulated in homeowners policies stating that damages caused by mold are not covered, leaving the owner responsible for all the expense.

How long do I have to be out of my home after the application?

You can safely return to your home in two to three hours after the application is finished.