

CFA *Coatings for America*
Your **complete** source for Surface Antimicrobial Products!

BioShield 75



BioShield® 75

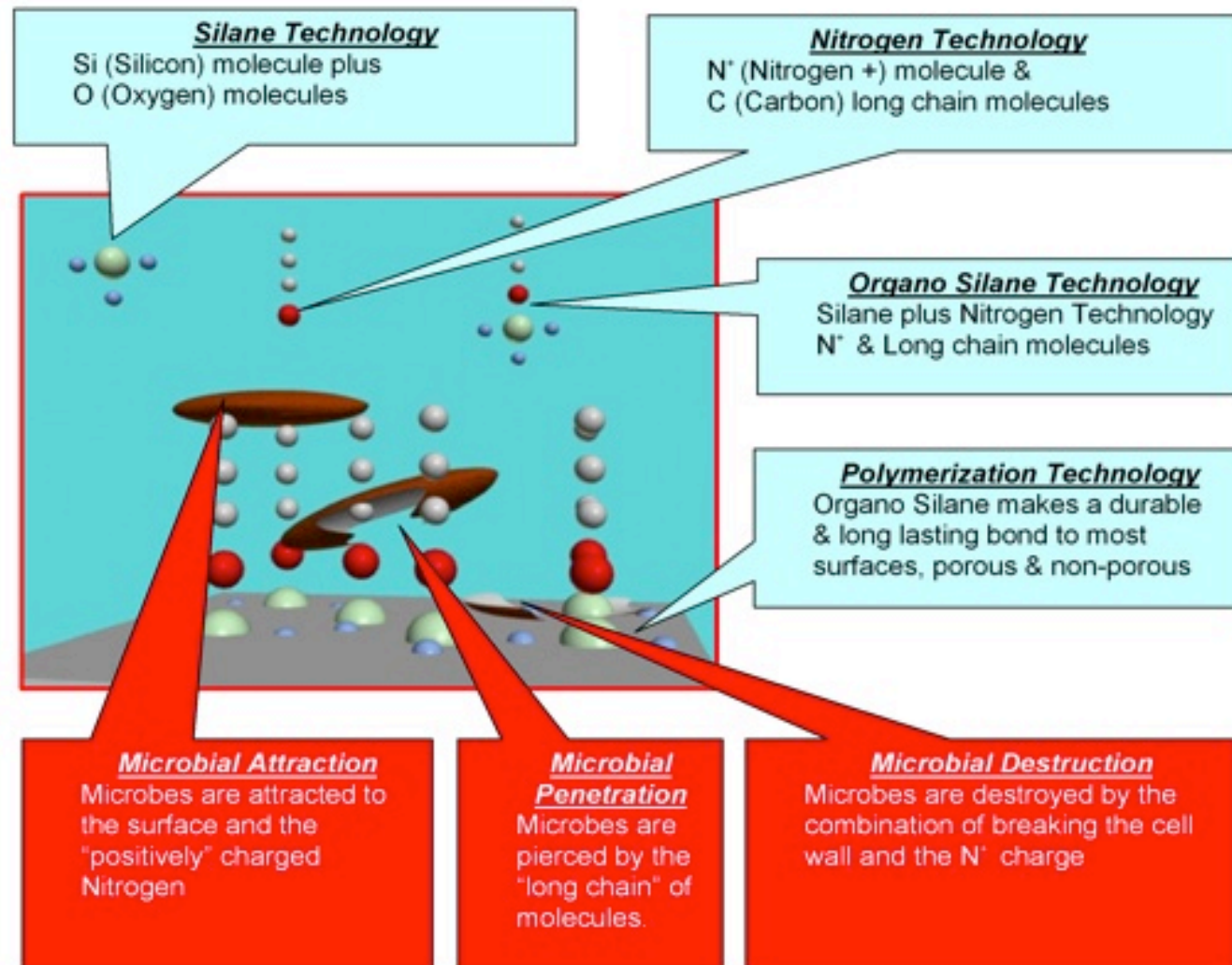
What is BioShield® 75 antimicrobial protection?

- ❧ IndusCo, LTD has introduced BioShield® 75, a patented, EPA Registered and USDA accepted, innovative new product.
- ❧ BioShield® 75 is a totally new approach to providing long lasting Antimicrobial Protection. It is a spray-on antimicrobial protectant for both porous ***and*** non-porous surfaces.
- ❧ BioShield® 75 prevents the growth of an amazingly wide array of bacteria, mold, mildew, algae and yeast. BioShield® 75 acts like a bed of microscopic spikes that pierce the cell walls of microbes. Visualize it as the fuzz on a peach.

BioShield® 75

How does BioShield® 75 work?

- ✿ The active ingredient in BioShield® 75 (Organosilane) forms a colorless, odorless, positively charged polymer, which chemically bonds to a surface.
- ✿ 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.



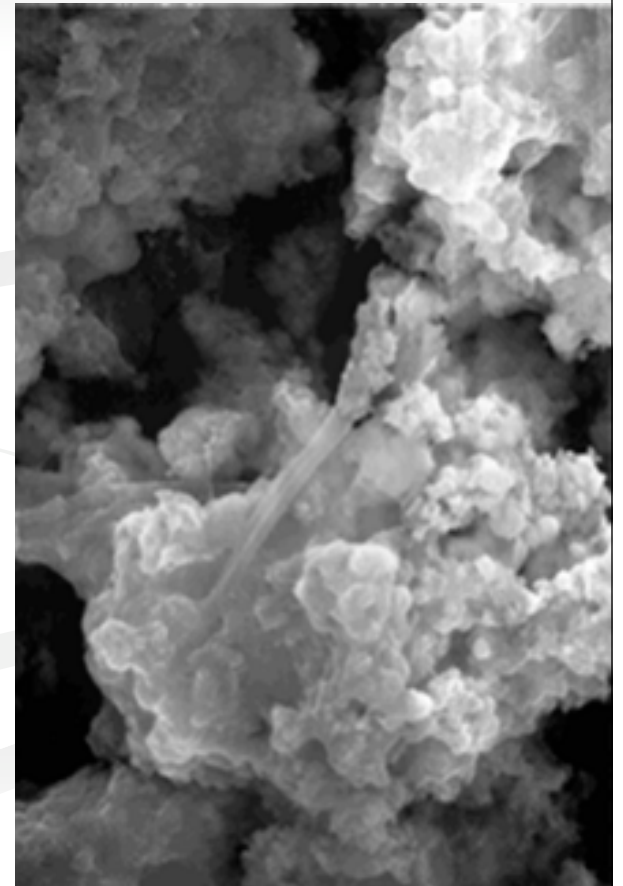
BioShield® 75

How does BioShield® 75 work?

- ⌘ BioShield® 75 gives substrates an added level of protection against damaging microbes. Some examples are: bacteria, mold and mildew, these can cause stains, odors and in some cases - deterioration.
- ⌘ Note - In order for BioShield® 75 to continue it's effectiveness, normal cleaning of treated surfaces is necessary.

BioShield® 75

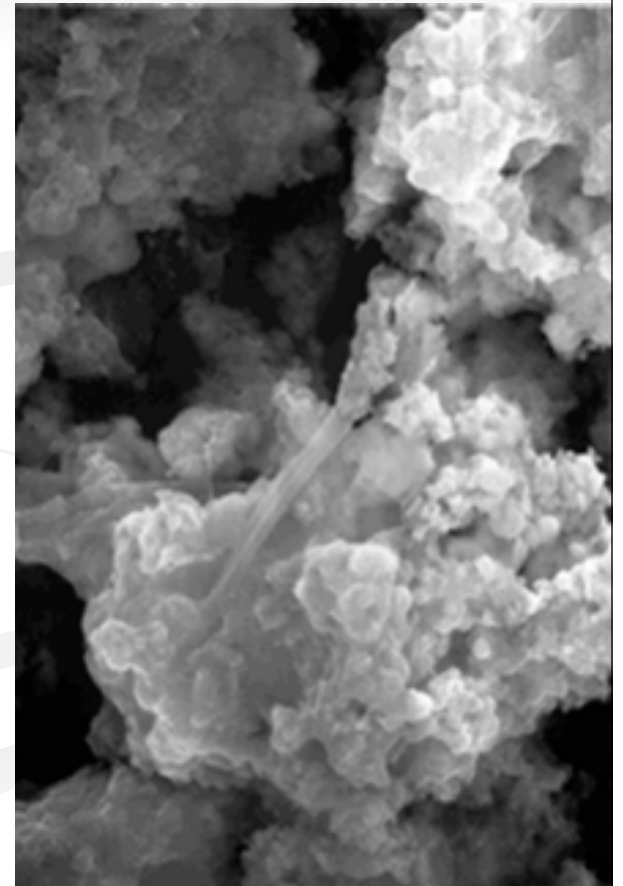
Biofilm



BioShield® 75

What is Biofilm?

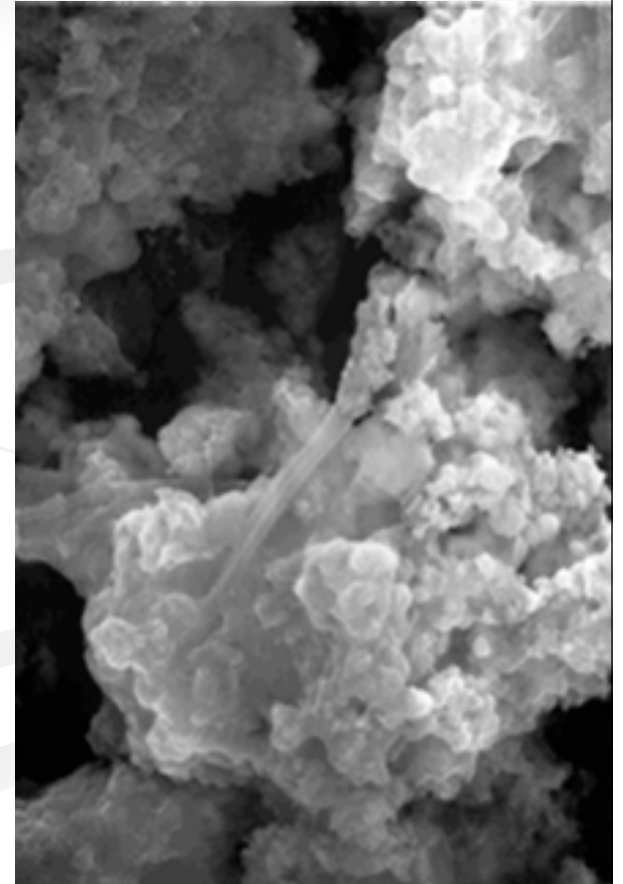
- ❧ Biofilm is a community of single-celled microorganisms that forms on surfaces
- ❧ A wide range of microorganisms can function, even thrive, in a community setting.



BioShield® 75

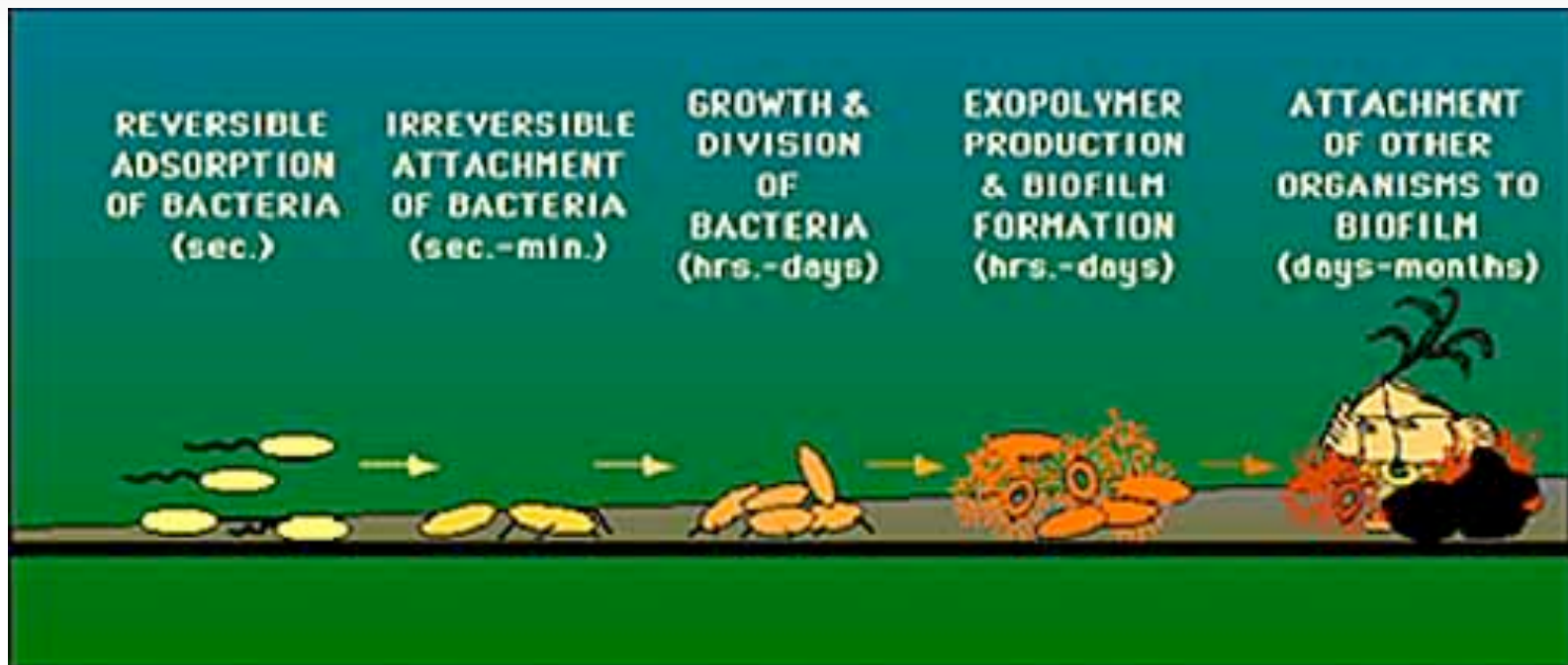
What is Biofilm?

- ❧ Biofilm is a major cause of antimicrobial resistance
- ❧ Layers of microorganisms have an insulating effect from cleaners with the outermost reaches protecting the layers of organisms underneath
- ❧ 80% of all human infections are caused by some sort of biofilm



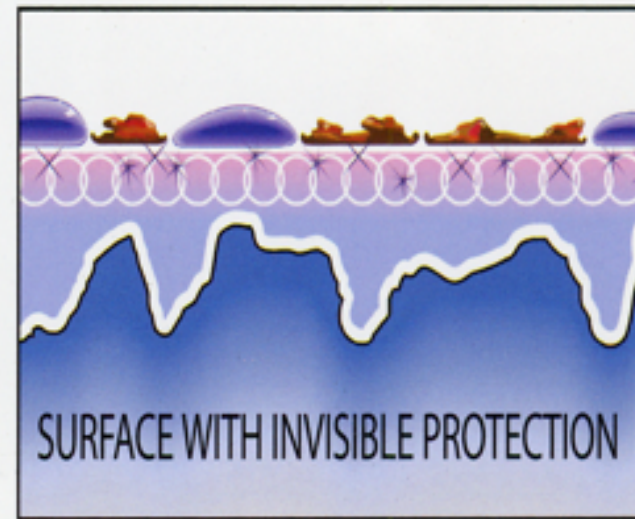
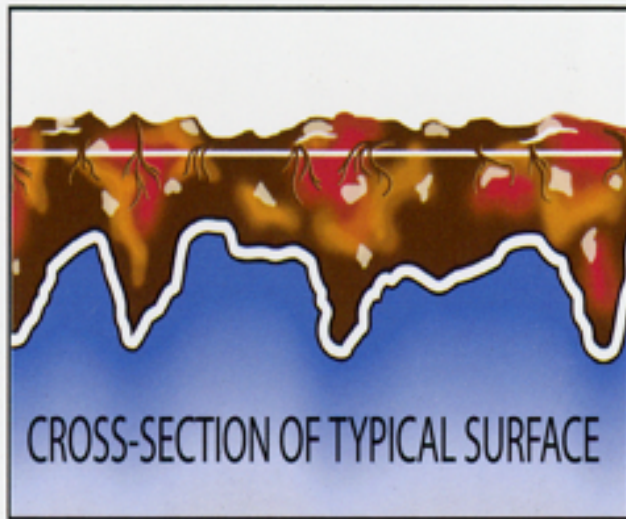
BioShield® 75

Forming Biofilm



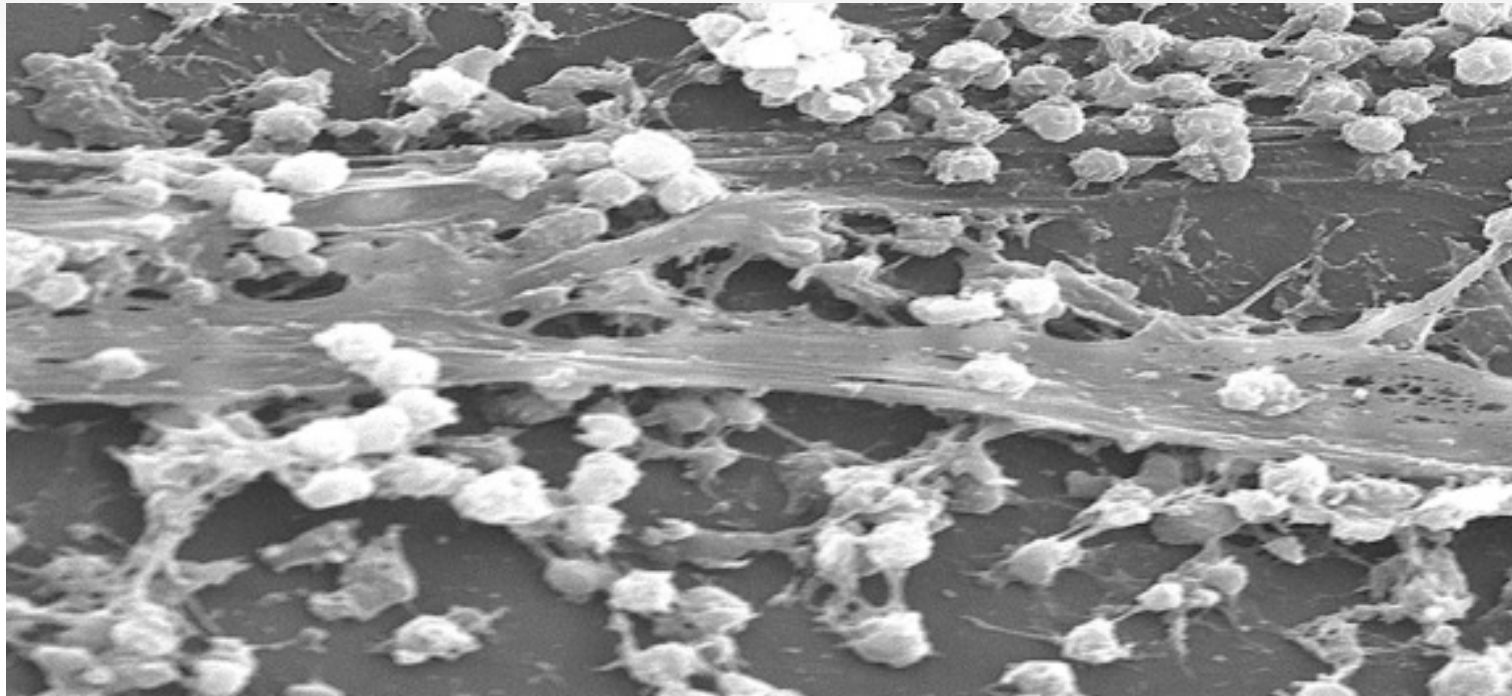
BioShield® 75

Biofilm in action



BioShield® 75

Staphylococcus Aureus



BioShield® 75

Why should I use BioShield® 75?



daily basis.
infestation.

Each of us are affected by microbes in some way on a
Every object we touch can have substantial microbe



that you

You can now limit the amount of microbial contamination
breathe and touch.



and

BioShield® 75 is non-poisonous, non-heavy metal based
proven to protect against microbial growth.

BioShield® 75

What benefits can be expected from surfaces that are treated with BioShield® 75?

- ❧ growth of surface or BioShield® 75 protection continuously fights the microbes that can cause stains, odors and product degradation.
- ❧ BioShield® 75 protection makes the surfaces in your business easier to clean and keeps them cleaner and fresher between cleanings.

BioShield® 75

Once BioShield® 75 is applied do I have to clean as often or as carefully?

- ✿ BioShield® 75 helps make surfaces easier to clean and helps keep them clean!
- ✿ However, we cannot stress enough that “**standard cleaning practices should always be maintained.**”

BioShield® 75

How long does BioShield® 75 protection work?

- ⌘ BioShield® 75 is engineered to provide continuous antimicrobial product protection for ninety (90) days or greater, keeping the surfaces in your home or business cleaner and fresher for longer than ever before.
- ⌘ Once BioShield® 75 is applied to the surface it will not wash off.

BioShield® 75

What is the difference between BioShield® 75 and antimicrobials with similar claims?



Conventional antimicrobial products penetrate living cells by poisoning the organism. They are designed to act and dissipate quickly to avoid adverse effects to humans and animals due to their toxic ingredients.

BioShield® 75

What is the difference between BioShield® 75 and antimicrobials with similar claims?

- ❧ BioShield® 75 takes a totally unique approach.
- ❧ Effective initial microbial elimination occurs when applied, like the conventional methods.
- ❧ The long-term control of growth on treated surfaces the remains for the life of that surface.
- ❧ The surface itself is modified to make it antimicrobial active.

BioShield® 75

Program Summary

- 🌀 25 Years of safe use
- 🌀 8-EPA Registrations
- 🌀 USDA (accepted for use on food contact surfaces)
- 🌀 US Patents (5)

BioShield® 75

Program Summary

- ❧ BioShield 75 controls microbes
- ❧ Microbes are bacteria, fungi or algae
- ❧ Microbes damage surfaces
- ❧ Microbes can be harmful to health
- ❧ Microbes can be unsightly and odorous
- ❧ Microbes can multiply rapidly
- ❧ Microbes are difficult to control

BioShield® 75

Program Summary

- ⌘ BioShield® 75 is unique - it works by dealing a “double whammy” to microbes:
- ⌘ First it punctures the microbes PHYSICALLY
- ⌘ Then ELECTROCUTES them

BioShield® 75

Program Summary

- ⌘ PHYSICALLY – it prevents microbes from laying down an efficient biofilm
- ⌘ This stops microbes from reproducing
- ⌘ This creates an easier to clean surface

BioShield® 75

Program Summary

- ⌘ BioShield® 75 is SAFE & Non-Toxic
- ⌘ Prevents the formation of ***Biofilm***
- ⌘ It does not leach poisons
- ⌘ It does not cause “superbug” mutations
- ⌘ It is not a disinfectant
- ⌘ BioShield® 75 is a PROTECTANT

BioShield® 75

Program Summary

- ❧ BioShield® 75 has produced excellent results in independent performance testing – which means it is EFFECTIVE TO USE
- ❧ BioShield has produced excellent results in independent toxicology testing – which means it is SAFE TO USE

BioShield® 75

Consider the markets where users of BioShield® 75 would benefit

- ⌘ Healthcare
- ⌘ Dental
- ⌘ Hospitality
- ⌘ Education
- ⌘ Corrections
- ⌘ Sports
- ⌘ Government
- ⌘ Food Processing
- ⌘ Travel
- ⌘ Among many, many others

BioShield® 75

Geerpres® treats many items with BioShield® 75 prior to shipment to customers as an added value

- ✚ Stainless Steel Escort® and Escort RX™ carts
- ✚ Epoxy Coated Escort® carts
- ✚ Ergonomic Stainless Steel Downpress Wringers
- ✚ Stainless Steel Buckets
- ✚ Escort® and Escort RX™ Microfiber Carts
- ✚ Wagon Master® Housekeeping Carts
- ✚ Waste Wagon® Refuse & Soiled Linen Carts
- ✚ Side-Kick® Housekeeping Carts
- ✚ Stainless Steel *Half Round* Buckets

Thank you!