



# XMicrobe™

## WHAT MAKES OUR TECHNOLOGY DIFFERENT?

Proven effective at reducing odors in over thirty years of product and building applications.

Extremely long lasting technology without repeated applications

Dramatically reduces the growth of germs on surfaces.

Applications guard against surface degradation caused by mold, mildew, and effects of harsh cleaners.

Prevents stains from setting into surfaces for easier cleaning.

The only system available that actively pulls microbes from the air and eliminates them on contact, improving overall air quality.

The only system available that can truly disinfect fabrics, carpeting, and upholstery.

Developed by Dow Corning Technology.

## ATHLETICS • SCHOOLS • SPORTS FACILITIES



### WHAT'S THE PROBLEM?

- Locker rooms are high-traffic, damp areas that see hundreds of people every day, making them ideal habitats and easy spreaders of potentially menacing bacteria
- Athletes across the nation have increasingly been affected by bacterial infections acquired in athletic settings, including ringworm, impetigo, herpes, staph and MRSA.
- In high-contact sports, cuts, scrapes and abrasions are inevitable, creating gateways for infection

### A TRUTH AS BASIC AS THE AIR YOU BREATHE

Methicillin-resistant *Staphylococcus aureus* (MRSA), or "super staph" as you may have heard in the news, is resistant to antibiotics and difficult to treat. A rising number of athletes in the United States are becoming infected each year, leading to health complications and even hospital visits.

### IT'S A FACT.

XMicrobe products and system are trusted by teams in the NFL, NBA, and NHL to protect their athletes and facilities. Our technology can hold up against stressors such as rain, sweat, abrasion and more, making it ideal for the athletic world. Major universities across the country are seeing great results from this green nanotechnology.

Help protect your athletes, clients, students, staff and facilities from harmful microbes. Rely on XMicrobe products- your active defense against microbes.

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[www.x-microbe.com](http://www.x-microbe.com)

# ATHLETICS • SCHOOLS • SPORTS FACILITIES

OUR GAME PLAN IDENTIFIES AND TREATS MOST COMMON INDOOR CONTAMINANTS, INCLUDING:

MRSA

Staph

Colostrum Difficile

Mold

Bacteria

Fungi

Odors

Algae

Mildew

Allergens

Excess Moisture

VOCs

Smoke

Spores

## WHAT MAKES OUR PRODUCT GREEN?

- XMicrobe™ Powered by Dow Corning Technologies qualifies as a "Hyper-Green" solution because it is permanently bonded to the surface and therefore never enters the environment.
- XMicrobe™ Powered by Dow Corning Technologies is essential a modified sand molecule with a silane bonding agent. It is as harmless to the environment as sand.
- It uses no poisons. Its mode of antimicrobial defense is "physical" disruption of cell wall integrity, coupled with a positively charged Nano-particle (Nitrogen), which "electrocutes" harmful microbes on contact.
- It's highly durable, long lasting nature eliminates the need for frequent retreatment, which reduces the overall carbon footprint of service vehicles.
- It is not solvent based.
- It does not Vent Off-Gasses (VOCs)
- It contains no CFCs.
- It contains no ODCs.
- It is non-toxic, non-flammable and non-hazardous.
- It is safe for adults, children and pets

## WHAT ARE THE FEATURES AND BENEFITS?

- 99.99% effective against a broad spectrum of microorganisms, including mold, mildew, NOROVIRUS, E. Coli, salmonella, H1N1, MRSA .
- Destroys microorganisms by attacking and physically piercing (disrupting) the cell membrane.
- Mechanical action eliminates the need for poisons.
- Helps control mold, mildew and allergens.
- Remains permanently affixed to the surface, providing unsurpassed durability.
- Bonds to virtually all materials and surfaces both painted and unpainted.
- Does not rub-off or migrate onto the skin or into the environment.
- Unlike common leaching materials, does not setup an environment that encourages the development of resistive organisms ("super bugs").
- On-going laboratory and field support.
- Accepted, registered and used worldwide.
- Extremely cost effective compared to other temporary solutions.
- Safe, proven technology
- Reduces liability exposure

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