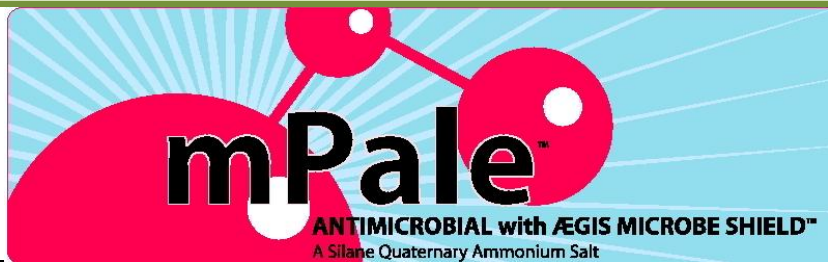


mPale®

Antimicrobial with AEGIS Microbe Shield Technology

PROFESSIONAL APPLICATION



Product Features and Benefits

- EPA Registered as effective against bacteria, mold, mildew, algae as a “static” agent.
- Imparts durable biostatic activity (kills microbes) on a wide variety of surfaces.
- Over a prolonged period of time, treated surfaces and materials will stop/prevent/resist growth of fungi, bacteria, algae and some viruses.
- Provides freshness and combats microbe related odors, and deterioration and discoloration caused by bacteria, fungi and algae.

What is the difference between mPale and other antimicrobials on the market?

Conventional products kill by way of poisoning microorganisms and are designed to act quickly, but.. they also dissipate over time to avoid adverse effects to humans and animals due to their toxic ingredients. The mPale technology takes a totally unique approach. Like other methods, mPale also provides an effective initial microbial kill after application; however, it goes far beyond the “one-time treatment” by providing long-term, durable control of microbe growth on treated surfaces...basically, for the life of that surface. The surface itself is modified to make it “antimicrobially active” for the normal life of the substrate onto which it is applied.

How does the mPale Antimicrobial technology work?

The active ingredient in mPale forms a colorless, odorless, positively charged polymer that chemically bonds to the treated surface. You can think of it as a layer of microscopic swords protecting the surface. When a microorganism comes in contact with the treated surface, the molecular “sword” punctures the cell membrane and the electrical charge shocks the cell, effectively killing the microorganism. Since the mPale is not transferred to the now dead cell, the antimicrobial doesn’t lose strength and the sword is ready for the next cell to contact it. Normal cleaning of treated surfaces will remove the build-up of dirt, dead microbes, etc. keeping the treatment ready for continual antimicrobial action.

Are surfaces treated with mPale moisture permeable?

Once mPale cures, moisture passes through the mPale® allowing treated surfaces to breathe. After curing, mPale is somewhat water repellent, aiding in cleaning.

Is mPale Safe?

Yes. It does not harm the environment. It is non-toxic. It is safe for skin contact. It is safe for children’s clothing. Found in products used by Kimberly Clark, NASA, Boeing, US Army, Nike, Reebok, Jack-in-the-Box, Sears, Dupont, Dr. Sholl’s, WalMart, Sheraton/Westin Hotels, Kohl’s, Mohawk carpets, US Gypsum, Sports Authority - to name a few...

How long does the treatment last?

mPale is stable, is non-soluble, and mPale is durable - usually lasting for the life of the treated surface. The life of the treated surface depends on a number of factors; however, real world case studies have seen long-term effectiveness on a treated (undamaged, unmarred) surface with normal housekeeping -up to years and years.

EPA Reg. No. 83129-1

Approved Uses

mPale Antimicrobial is EPA registered as a final “bio-static” surface finish to leave a durable, colorless, odorless antimicrobial coating for the following materials:

- Carpet, Draperies, Upholstery, Furniture, Book Covers and Pictures
- Most Interior Hard Surfaces including: Floors and Floor Coverings, Walls and Wall Coverings, Ceramic Tile, Concrete, Chrome, Stainless Steel, Sealed Fiberglass, Vinyl, Porcelain, Wood and Glass Fixtures, Marble and Aluminum
- Schools, Hospitals, Homes, Businesses

We are an Authorized Applicator
of mPale Antimicrobial!

1-866-477-2498



A Fusion for Green partner