BioShield Matrix Coating for Soft Surfaces
Specific to Commercial & Corporate Workplaces
Applied to Textiles, Fabrics, Soft & Porous Materials
Product is MFG as “BioActivate FG”

The Challenge: People come back to work, finding their new routine and touching everything. People can be messy and forgetful and find themselves going back to old habits and behaviors.

The Solution: CDM360 is providing targeted cleaning and disinfection services with EPA, CDC and OSHA approved biocidal products. We then offer a sealing agent that is both antimicrobial and antiviral. Bacteria, Mold, Viruses – all of these can be inhibited with our BioShield Matrix product.

Our Protocol: Using the BioShield Matrix, we apply and coat your designated areas, for weekly, monthly, or quarterly service – depending on your specific needs and unique property. Higher traffic areas may require greater service, while the lower traffic areas might require less. No office, lab, plant, or classroom are identical. Each space is unique.

The key difference: We help ensure your “clean & safe” policies with the use of a textile, fabric and soft surface, antimicrobial sealing agent, protecting your furniture and common areas for up to 90 days. This sealing agent, BioShield Matrix, is California Approved, nontoxic and will be reviewed by the USGBC for LEED approval in the coming months. BioShield is a highly effective agent, which shields against viruses associated with gastroenteritis (Rotavirus) and also a range of bird and animal viruses including Herpes virus, Coronavirus (testing on Covid-19 not yet available), Poxvirus and Parvovirus. BioShield protects your treated areas from harmful bacteria such as Staphylococcus aureus and Escherichia coli (Staph and E. coli)

BioShield Matrix. Has proven usage in theme parks (Disney), stadiums (49rs, Giants), and Silicon Valley (Tesla, Google) – as a hard surface coating. This product was refined and formulated to be sprayed/misted on textiles and soft, fabric natured surfaces. It can be applied to hard touchpoints but would need regular upkeep (attic stock of product available for this). Textiles (carpet, clothing, furniture, drapes, etc.) are sealed and protected for 90 days.

Protective Barrier: The antimicrobial used in BioShield Matrix is EPA approved and is highly effective against viruses. Examples include: Gastroenteritis (Rotavirus) and a range of bird and animal viruses including Herpes virus, Coronavirus, Poxvirus and Parvovirus. Specifically, it is effective against Foot and Mouth Virus (Picornaviridae), pathogenic Avian influenza virus (both H7N1 and H5N1) and Coronavirus. Please note: Covid-19 testing is not yet available. BioShield Matrix protects your treated areas from harmful bacteria such as Staphylococcus aureus and Escherichia coli (Staph and E. coli) and a full range of other known and harmful strains. Bacteria, Mold, Viruses, all the protection, in a single product.

Application Methods: The BioShield Matrix team will use both sprays and sponges to apply the agent. This will ensure that we do not miss hidden or overlooked touchpoints. Example: The reverse side of a door handle, a handgrip, or other areas which need to be sealed and protected. This process takes careful and focused time and effort.
BioShield Matrix Fabric & Upholstery Protection with Antimicrobial Additive
“BioActivate FG”

BioShield Matrix Product Summary

BioShield Matrix with Antimicrobial additive repels liquids, prevents stains and it is great for use on furniture, clothing, carpet, rugs, coveralls, and upholstery. Agents stop working the minute they dissipate, and improper cleaning often spreads harmful organisms rather than killing them. BioShield Matrix, with an added Antimicrobial additive will stay on the surface and continue to work for many months and works every second to breakdown organic material that it encounters. This active process is the best defense against the spreading of microorganisms, including bacteria, viruses, mold and mildew.

BioShield Matrix is safe to use, non-toxic, and environmentally friendly. It will not change the texture/feel or color of clothing, fabrics, furniture, curtains, and carpet. It provides a long-lasting, breathable layer that repels water, mold, airborne dust, algae, and the antimicrobial can break down organic matter.

Antimicrobial additives work 24 hours a day, 7 days a week to eliminate microbes, reassuring end-users that their product is protected long-term and therefore less likely to harbor micro-organisms. The technology’s ability to minimize microbial colonization also reduces the potential for staining and unpleasant odors, meaning a protected product will stay fresh longer and have an increased functional life cycle offering a significant cost benefit to the consumer.

The Antimicrobial additive is effective against harmful bacteria and microbes

- Virtually no visual change to surface appearance
- Safe for consumers and safe for the environment
- Can be applied on almost any surface

Uses

- Clothing, coveralls, carpets, curtains, pillows, indoor & outdoor furniture
- Home, office, schools, cars, hospitals and waiting rooms
- Protects against stains, it’s breathable and invisible
- Antimicrobial additive

Coverage Ratio

- Each 1 gallon will cover between 200 – 400 sq. ft. depending on the surface.

Application Requirements

- First clean surface and then allow to dry. Then spray BioShield Matrix on to a surface and leave to dry. Drying Time is typically between 10-20 minutes depending on the temperature. If applying outdoors, make sure there is no chance of rain for the next 2-3 hours. If washing a treated fabric, be sure to use only cold water, otherwise BioShield Matrix will need to be reapplied. You can test if the surface still has BioShield Matrix by seeing if water doesn’t penetrate. Reapply to high traffic areas every 1 – 3 months.
Safety & Environmental

- BioShield Matrix contains zero VOC’s and exceeds the SCAQMD (California) Rule 113 requirements, the highest quality control standards in the country
- PROP 65 compliant
- Bio-Active FB contains no known carcinogens under Proposition 65, California’s Drinking Water and Toxic Enforcement Act of 1986
- Non-Toxic, Non-Flammable. Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility
- Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution

Personal Protective Equipment: The BioShield Matrix Team will use gloves, masks, and if needed, additional forms of protective gear and equipment while treating your area. The product is non-toxic, but we follow all OSHA guidelines and adhere to strict safety policies by utilizing the below products, or similar:

1. Masks
2. Gloves
3. Coveralls

Application tools & equipment: We use typical application equipment and tools. None of our equipment requires special electrical or plumbing resources. The BioShield Matrix team uses similar products as noted below.

- Standard spray bottles
- Pressurized garden sprayer (single, pump action tank)
- Industrial, electric pressure sprayer, set to the maximum droplet range
Exclusions, waivers and acceptance:

- Client acknowledges and accepts that disinfecting/cleaning products may leave odors, and waives any claim resulting from them.

- Client acknowledges and accepts that disinfecting/cleaning products may cause fading and discoloration and waives any claim resulting from any such effects.

- Client acknowledges and accepts that disinfecting/cleaning products and the application, are not guaranteed to prevent any pathogen from being passed, transmitted or re-contaminated after the cleaning efforts are completed. Human contact is an inherent risk.