



# aegis<sup>®</sup>

## Microbe Shield

**Antimicrobial coating added to all high-touch surfaces of American Seating products for the health and safety of your riders!**

*Aegis*<sup>®</sup> is an EPA-registered surface coating that provides an invisible barrier to inhibit the growth of bacteria, mold and mildew which cause odor, staining and discoloration. This coating will keep your American Seating products cleaner, fresher and even lengthen durability longer than other untreated solutions on the market. The *Aegis* coating will also make your seats easier to clean and improve cleanliness between cleanings.



**Aegis Microbe Shield provides continuous protection for one year** and American Seating also offers ready-to-use five-gallon containers, application equipment recommendations and instructions to transit authorities for re-application or application to existing transit vehicles. Order AS part #933068.

## How this long-lasting surface coating works

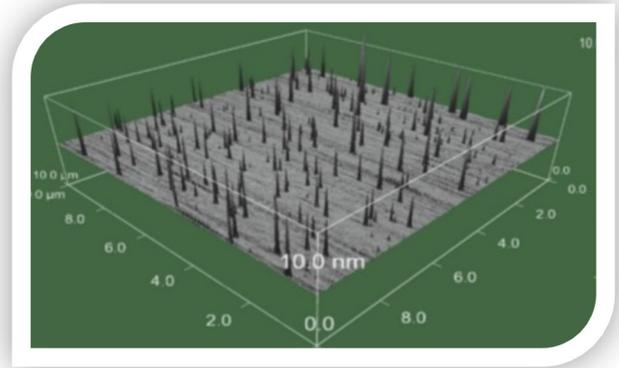
**Aegis®** forms a protective coating that molecularly bonds with surfaces upon application. Bacteria are attracted to the coating's positive charge and, upon coming into contact with the treated surface, they quickly die.

When applied to surfaces, **Aegis** forms a colorless, odorless, positively charged polymer that attracts, then electrocutes and ruptures, a microbe's negatively charged cell membrane. **Aegis** inhibits the growth of microbes on surfaces by utilizing a charge-disruption mode of action.

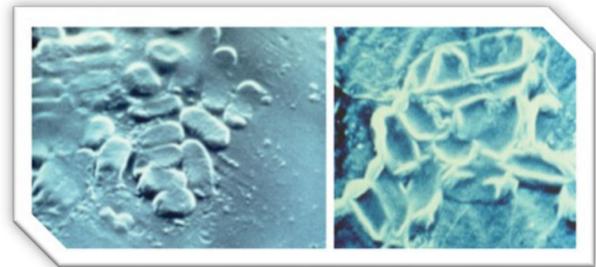
**Aegis** is attracted to the microbe's cell wall and neutralizes the cell wall's natural protection by interacting with cellular proteins needed to maintain cell wall integrity. Its charge-disruption mode of action leads to the eventual breakdown of the microbial cell (also known as lysis), eliminating odor, stains and deterioration.

**Aegis** is not a disinfectant but rather a nanoscopic biostatic surface protectant that protects surfaces between cleaning. Its use complements daily disinfection and only needs to be applied once a year.

Regular cleaning with an EPA-registered cleaning agent (or disinfectant) is recommended and will not alter or reduce the effectiveness of the **Aegis** coating. The use of abrasive or solvent- or acid-based agents (i.e. graffiti removers) will require reapplication of **Aegis** to that area.



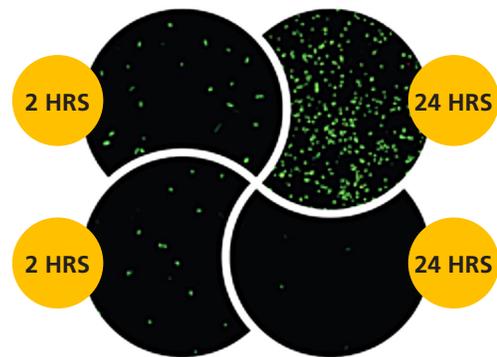
Rendering of **Aegis** on surface



E. coli on non-treated surface    E. coli on **Aegis**-treated surface



Unprotected surface



**Aegis**-protected surface

## Our Mission

Since 1886, American Seating has set the standard for product design, durability and comfort. Our first transportation seat was introduced in 1931, and today we remain committed to exceeding the expectations of our customers. Our achievements serve as the platform for new and innovative products that are the benchmarks of our industry.



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All products designed, engineered, manufactured and tested in the USA.



American Seating is committed to lessening our impact on the planet through responsible stewardship of our environment.