

# SilverSan™ Anti-Microbial-Protected Powder Coating



**PPG Industrial Coatings**  
Bringing innovation to the surface.™



*SilverSan* anti-microbial-protected powder coating by PPG is treated with silver\* ionic technology, which is known to inhibit the growth of microbes.

In research and development since 2001 – and a proven product in the marketplace since 2007 – *SilverSan* powder coating with silver ionic technology is engineered for use in hospitals, public transit, water treatment plants, restaurants, pharmaceutical labs, schools, parks and child care facilities and on medical equipment, food service packaging equipment, playground equipment and exercise equipment.



Microbes are small living cells that can only be seen through a microscope. They include bacteria, fungi and algae, and can lead to the creation of foul odors, discoloration and the formation of bio-film on powder-coated surfaces. Microbes can also degrade or corrode metal substrates.

## Versatile Color and Performance

*SilverSan* protective powder coating can be formulated in any color using epoxy, hybrid, or polyester technologies, and provides flexibility to the end customer for selecting, with confidence, the right product.



## How It Works

- *SilverSan* powder coating by PPG is specifically formulated with silver\* ionic technology to resist growth of mildew and bacteria and the formation of bio-film, which may inhibit odors and staining on powder-coated surfaces.
- *SilverSan* powder coating slowly releases silver ions, which are known to inhibit the growth of microbes.
- *SilverSan* powder coating with the silver ionic additive provides protection throughout the coating, unlike some liquid coatings.
- With *SilverSan* powder coatings, the inhibition of microbes remains constant even if the surface has been subjected to wear and exterior exposure.
- *SilverSan* coating can be handled and disposed of using typical practices associated with other powder coating products supplied by PPG.



\*Silver is a registered pesticide with the U.S. Environmental Protection Agency (EPA), which states that "pesticides are used to prevent, destroy, repel or mitigate any pest ranging from insects and animals and weeds to microorganisms such as fungi, bacteria and viruses."

Antimicrobial is limited to the treated surface and does not protect against disease-causing bacteria. The use of these products does not protect users of any such treated article or others against food-borne or disease-causing bacteria, viruses, germs or other disease-causing organisms.



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