



## Prinz Technologies Inc.

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### Overview

The Coronavirus Pandemic has introduced the world to a number of new technologies and products including 15 minute test kits, designer face masks, electrostatic sprayers, disinfectants, and antimicrobial coatings.

### Virusol™ Antimicrobial Coating

**Active Ingredient:** 3-(Trihydroxysilyl) propyldimethyloctadecyl ammonium chloride 1.0%  
**CAS number** : 199111-50-7

Antimicrobial coatings are starting to play a big role in lowering infection rates and providing long-lasting protection from viruses, bacteria, and fungi.

Virusol™ Disinfectant coating is a non-leaching, invisible coating that has been proven to provide 24/7 protection and lower the amount of pathogens in the air and on surfaces by 99.9%.

Some other benefits include:

- Non-leaching and non-toxic (FDA and NSF approved for use on food-contact surfaces)
- EPA approved to kill coronavirus (On the EPA N-list)
- Prevents resistant microbes or “Super-Bugs” due to a physical kill
- Is effective up to 90 days on a surface after one application
- Can be used in air-handling systems to eliminate pathogens in the air
- Shows when it needs to be reapplied to a surface through the use of blacklight detection (Shows a blue/white glow when active on a surface with the use of a blacklight/UV light)
- EPA approved to be safe around daily human contact

- ISO and ASTM third-party tested for effectiveness and safety for prolonged period

## Why Now?

Mainstream disinfectants are based on technology invented in 1889. They are effective up to 30 minutes (at the most). **Covid-19** has posed a problem for these outdated disinfectants because of its danger to public spaces and touch-points.

The use of mainstream disinfectants cannot provide long-lasting antimicrobial activity and therefore leaves gaps of time in which surfaces and people can become infected. Moreover, they cannot be used in air-handling equipment to disinfect the air of pathogens.

**Virusol™** Disinfectant Coating has greatly increased in popularity due to its ability to provide long-lasting protection on surfaces and disinfect ventilated air. Moreover:

- It is price competitive (per gallon) to mainstream disinfectants and lasts much longer
- Requires less labor
- Is environmentally friendly due to the fact that it is non-leaching
- Does not cause allergic reactions or any harmful effects to people
- Can be applied with a simple hand sprayer or with industrial misters and electrostatic sprayers
- Is non-flammable (mostly made of water)

