

**SAME TRUSTED NYCOTE PERFORMANCE, NOW
WITH A NEW ANTIVIRAL ADDITIVE!**



Nycote

LABORATORIES
CORPORATION



NYCOTE PRODUCT CASE STUDY

NYSAFE VS. ENVIRONMENT

Nysafe High-Performance Anti-Viral Surface coatings are keeping mass transit and aircraft interiors safe from viruses.



WHY NYSAFE AV?

Mass transit interior surfaces are taking a beating due to increased cleaning and exposure to foggers and harsh chemicals. We created Nysafe from mission critical high performance nylon, which we formulate into an invisible tough thin-film nylon coating. Nysafe is a long-lasting, strong yet flexible, coating resistant to abrasion, scratching, and chemical degradation, extending material life and keeping interiors clean, and safe.

KEEPING PEOPLE AND PRODUCTS SAFE FOR 60 YEARS

Nycote Laboratories manufactures High Performance surface coatings trusted for decades. The coatings unique ability to self-level and encapsulate provides protection from the harshest environments. Now Nycote has manufactured a new high-performing surface coating with a safe antiviral additive that is highly effective in disrupting SARS-CoV viruses. With the coating in place the viruses' ability to survive on the surfaces reduced by 84% after a 90-minute contact time. Other products on the market indicate a much longer contact time, which means more time has passed before results were recorded allowing the virus to die-off. Other antiviral products on the market today cannot tolerate the rigorous cleaning and chemical exposure we are seeing in mass-transit applications. Nysafe is formulated from Nycote 7-11, a formula that has been an approved cornerstone product in aerospace for decades due to its ability to remain in place long-term and stand up to hydraulic-fluids, jet fuel, and other harsh chemicals.

Nysafe® is a transparent, lightweight, liquid nylon coating tested to actual SARS-CoV-2 Virus at a BioScience Level 4 Laboratory. We are currently working with aircraft interior companies and mass transit to add our antiviral product to high-touch surfaces or to potentially include it in the additive manufacturing process.



NYSAFE 900-AV & 700-AV BENEFITS

Nysafe products are high-performing protective coating formulations used in harsh aircraft and space environments and effective against multiple types of microbes. Legacy products from which Nysafe are made from are named in aerospace specifications because of their high-performing capabilities in extreme environments and can tolerate extremely high and low temperatures. All of Nycote's products are formulated for all high-touch surfaces and are commonly used in mass transportation settings. Nysafe technology ensures there are no voids in the coating. It will completely encapsulate surfaces, a unique formula from its competitors, with hard, flexible, self-leveling, and pinhole-free technology.

NYCOTE NYSAFE 900-AV & 700-AV SIGNIFICANT PERFORMANCE ADVANTAGES

- Antiviral and antimicrobial
- tested effective at
90-minute contact time
- Tested effective to all known
Bacteria
- Non-toxic and Metal free
- Cures pinhole-free and is
self-leveling
- Meets strict standards for
outgassing per ECSS-Q-
ST-70-02
- Easy to apply by spray,
brush, or dip
- Resists Chemicals
- Scratch & Impact resistant
- Adheres to metals, plastics,
& textiles
- Fast or forced curable
- Removable
- Custom tinting
- Permanent Surface Coating
- Tested to SARS-CoV viruses
and results showed reduced
virus survival rate on surfaces
by 84% after 90 minutes

A NEW STUDY ON OMICRON: NYSAFE VS. OMICRON

A new study determines SARS-CoV2 *Omicron variant can survive for 193.5 hours on plastic surfaces**, which is longer than previous variants. It's ability to remain infectious might have helped Omicron replace Delta as the dominant variant and spread rapidly. Read the full article here: <https://www.biorxiv.org/content/10.1101/2022.01.18.476607v1.full>

NYSAFE OUTPERFORMS OTHER ANTIVIRAL COATINGS

Nycote Laboratories Corporation made this product because they saw a performance gap that their technology could fill. Other antiviral products on the market cannot withstand the rigorous cleaning being performed in real-world environments and therefore end up needing to be retreated again within hours, days, or weeks. Nysafe, however, resists a large array of industrial cleaners and other harsh chemicals, and it also protects high-value materials inside aircraft and other mass transit systems from constant fogging and cleaning products. The coating has been approved for mission-critical aircraft and space applications for 60 years. It's well known as a long-lasting strong yet flexible coating resistant to abrasion, scratching, and chemical degradation.

If you would like to learn more about protecting your high-touch surfaces with Nysafe, you can contact us at sales@nycote.com, or visit us online at: nycote.com/nysafe-av-700/.





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For samples, please see our website at nycote.com/nysafe-av-700/

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Nycote Laboratories operates an ISO 9001:2015 and AS9100D certified quality management system



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