

# AT-401-AM – AM L&V PROTECT

Part of the **AlphaSAFE** Antimicrobial Line

## TECHNICAL DATA SHEET

AM L&V PROTECT nano-ceramic cream restores and protects leather and vinyl surfaces, making old vinyl and leather surfaces look like new. AM L&V PROTECT is a two-in-one product that both cleans and protects almost any leather or vinyl surface. It leaves leather and vinyl soft, supple, flexible and protected from UV damage, without a greasy or slippery residue. Perfect for automobiles, boats, furniture, leather accessories and boots.

Proudly manufactured in the USA.

### Technical Data

<b>Color</b>	Beige
<b>Viscosity</b>	Thick Liquid
<b>V.O.C</b>	None
<b>Halogens</b>	None
<b>RoHS</b>	Compliant
<b>REACH</b>	Compliant
<b>Odor (liquid)</b>	Leather
<b>Odor (cured)</b>	None

### Key Performance Properties

- Restores rich luster to old leather and vinyl surfaces.
- Protects leather and vinyl from moisture loss, weathering and UV damage.
- Creates natural look with no greasy residue.
- Two-in-one product that cleans as it is applied.
- Pleasant natural leather aroma.
- Applies easily by hand.
- May be applied in direct sunlight.
- Environmentally safe. May be used in and around USA waterways (if used as directed).
- RoHS and REACH compliant.

### Common Applications

May be applied on any almost any leather or vinyl surface including:

- Automobiles
- Boats
- Furniture
- Jackets
- Purses
- Shoes and boots
- Handbags
- Belts
- Luggage

### Treated vs. Untreated Leather



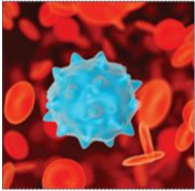
AT 401 - LEATHER & VINYL TREATMENT

# ALPHATEK ALPHASAFE – ANTIMICROBIAL ADDITIVE INFORMATION

## PROTECTING LIFE'S SURFACES

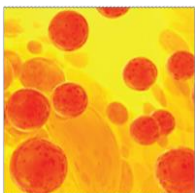
ALPHATEK MATERIALS IS A LEADING INNOVATOR IN ADVANCED MATERIALS, PERFORMANCE COATINGS, AND SURFACE DISINFECTION & SANITATION SOLUTIONS. ALPHATEK'S ANTIMICROBIAL SURFACE DISINFECTANT SPRAYS AND COATINGS COMBINE LEADING EDGE TECHNOLOGIES TO DISINFECT, SANITIZE, AND PROTECT NON-BIOLOGICAL SURFACES FROM DANGEROUS MICROORGANISMS.

ALPHATEK'S ANTIMICROBIAL COATINGS PROTECT ALMOST ANY SURFACE INCLUDING FLOORS, WALLS, DOORS, COOKWARE, COUNTERS, TABLES, VEHICLES, OPERATING ROOMS, HANDRAILS, ELEVATORS, CLEAR PLASTICS, TEXTILES, AND FABRICS.



### ALPHATEK'S HIGH-PERFORMANCE NANO-CERAMICS

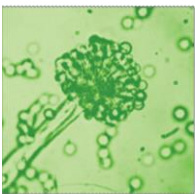
AlphaTek utilizes proprietary aerospace nano-ceramics to create a range of high-performance coatings. The nano-ceramic coatings covalently bond to almost any surface for long-term adhesion and extreme durability. AlphaTek's nano-ceramic coatings are low-VOC, easy to apply, and air cure under ambient conditions. Treated surfaces are hydrophobic and oleophobic. The ceramic matrix protects against abrasion, chemicals, and UV-radiation for the life of the coating.



### ALPHATEK MATERIALS' ANTIMICROBIAL ADDITIVE

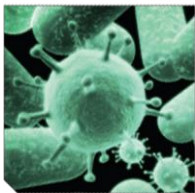
AlphaTek uses a powerful organosilicon-based antimicrobial additive that is an effective surface disinfectant and adds exceptional continuous bacteriostatic, fungistatic, and algistatic properties to coated surfaces. The antimicrobial is blended throughout the entire thickness of the coating for long-term antimicrobial durability.

The antimicrobial additive creates a network of electrically charged molecules on the exposed surface that ruptures the cell membrane of microorganisms that come into contact with the coating. The antimicrobial's physical kill mechanism is highly effective and does not promote the development of drug-resistant superbugs.



#### OTHER KEY PROPERTIES OF ALPHATEK'S ANTIMICROBIAL ADDITIVE:

- EPA Registered (83019-1) & NSF-51 Approved and FDA-compliant for Food Contact Surfaces.
- Protects plastics, textiles, and other coated surfaces from colonization by a wide variety of pathogens, viruses, bacteria, mold, algae, and other microorganisms.
- Proven effective to protect treated surfaces against colonization by Influenza and Human Coronavirus (untested against COVID-19).
- Does not contain any heavy metals and does not leach chemicals or metals out of the coating.
- Non-toxic and non-hazardous to humans and pets when used as directed.
- No transdermal absorption.



#### ***THE ANTIMICROBIAL PROPERTIES HELP TO CONTINUOUSLY PROTECT TREATED SURFACES FROM POTENTIAL COLONIZATION BY A GROWING LIST OF MICROORGANISMS, INCLUDING:***

- |                               |                               |                              |                                    |
|-------------------------------|-------------------------------|------------------------------|------------------------------------|
| • Coronavirus, Human          | • Clonostachys rosea          | • Iternaris species          | • Saccharomyces cerevisiae         |
| • Acinetobacter calcoaceticus | • Clostridium perfringens     | • Mariannaea elegans         | • Salmonella enterica              |
| • Aeromonas hydrophilia       | • Corynebacterium bovis       | • Microsporium audouinii     | • Salmonella typhi                 |
| • Alternaria alternata        | • Corynebacterium diphtheriae | • Monilia grisea             | • Salmonella typhimurium           |
| • Anabaena cylindrica         | • Cryptococcus humicola       | • Mycobacterium tuberculosis | • Scenedesmus quadricauda          |
| • Aspergillus flavus          | • Cutibacterium acnes         | • Oospora lactis             | • Selenastrum gracile              |
| • Aspergillus fumigatus       | • Enterobacter aerogenes      | • Oospora lactis sp          | • Serratia liquefaciens            |
| • Aspergillus Niger           | • Enterobacter agglomerans    | • Oscillatoria borneti       | • Serratia marcescens              |
| • Bacillus cereus             | • Enterobacter cloacae        | • Penicillium albicans       | • Stachybotrys atra                |
| • Bacillus subtilis           | • Enterococcus                | • Penicillium chrysogenum    | • Stachybotrys chartarum           |
| • Bacillus typhimurium        | • Enterococcus faecalis       | • Penicillium citrinum       | • Staphylococcus aureus            |
| • Bipolaris australiensis     | • Epidermophyton floccosum    | • Penicillium notatum        | • Staphylococcus epidermidis       |
| • Candida albicans            | • Escherichia coli            | • Penicillium variabilei     | • Streptococcus faecalis           |
| • Candida parapsilosis        | • Fusarium nigrum             | • Penicillium notatum        | • Streptococcus pyrogenes          |
| • Cephalascus fragans         | • Fusarium solani             | • Pleurococcus               | • Trichoderma flavus               |
| • Chlorella                   | • Geotrichum candidum         | • Proteus mirabilis          | • Trichophyton interdigitale       |
| • Chlorophyta (green)         | • Gliocladium roseum          | • Proteus vulgaris           | • Trichophyton mentagrophytes      |
| • Chrysophyta (brown)         | • Gliomastix cerealis         | • Protococcus                | • Trichosporon mucoides            |
| • Citrobacter diversus        | • Klebsiella pneumoniae       | • Pseudomonas aeruginosa     | • Vancomycin-resistant enterococci |
| • Cladosporium herbarum       | • Klebsiella terrigena        | • Pseudomonas cepacia        |                                    |



**FOR MORE INFORMATION & SALES, CONTACT:**

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