

STAND IN: RESISTANCE TO CLEANERS AND DISINFECTANTS

A coated fabrics' ability to resist specific cleaners and disinfectants is an important part of the product's performance. Stand In was tested using the rigorous protocol developed by coated fabric manufacturers and distributors in conjunction with the Association for Contract Textiles. This particular test is to evaluate the impact of cleaners and disinfectants on coated fabrics.

Test Method: The cleaner or disinfectant at the recommended dilution is placed on a sample of the coated fabric for one day. After the chemical or disinfectant has evaporated completely, these steps are repeated over a five-day period for a total of five cycles. After the 5th cycle any chemical residue is wiped off using fresh water and the specimen is visually evaluated to the control sample for any visual changes.

| Manufacturer | Product Name | EPA Registration Number | Active ingredient | 5th Application - Post Wipe |
|-----------------------|---------------------------------------|-------------------------|----------------------------------|-----------------------------|
| ALL | Isopropyl Alcohol - 7:10 Diluted | N/A | Isopropyl Alcohol | No Effect |
| The Clorox Company | Bleach - 1:10 Diluted | 5813-100 | Sodium Hypochlorite | No Effect |
| The Clorox Company | Citrace Germicide | 67619-29 | Ethanol | No Effect |
| The Clorox Company | Bleach Germicidal Wipes | 67619-12 | Sodium Hypochlorite | No Effect |
| The Clorox Company | Clorox Hydrogen Peroxide Disinfectant | 67619-24 | Hydrogen Peroxide | No Effect |
| Diversey, Inc. | Virex II 256 | 70627-24 | Quaternary Ammonium | No Effect |
| Diversey, Inc. | Oxivir TB | 70627-56 | Hydrogen Peroxide | No Effect |
| Ecolab, Inc. | Netural Disinfectant Cleaner | 47371-129-1677 | Quaternary Ammonium | No Effect |
| Ecolab, Inc. | Oasis 146 | 1677-198 | Quaternary Ammonium | Slight Effect |
| Gojo Industries | Purell Food Service Sanitizer | 84368-1 | Ethyl Alcohol | No Effect |
| Metrex | Caviwipes | 46781-8 | Quaternary Ammonium; Isopropanol | No Effect |
| PDI | Sani-Cloth AF3 | 9480-9 | Quaternary Ammonium | No Effect |
| PDI | Sani-Cloth Bleach Germicidal Wipe | 9480-8 | Sodium Hypochlorite | Slight Effect |
| PDI | Sani-Professional Multi Surface Wipes | 9480-5 | Quaternary Ammonium | No Effect |
| PDI | Sani-Professional Table Turners Wipes | 9480-13 | Quaternary Ammonium | No Effect |
| PDI | Super Sani-cloth Germicidal Wipe | 9480-4 | Quaternary Ammonium; Isopropanol | No Effect |
| Reckitt Benckiser LLC | Lysol Spray | 777-99-675 | Quaternary Ammonium; Ethanol | No Effect |
| Reckitt Benckiser LLC | Lysol Wipes | 777-114 | Quaternary Ammonium; Ethanol | No Effect |
| SciCan | Optim 33TB | N/A | Hydrogen Peroxide | Slight Effect |
| Virox Technologies | Accel TB | 74459-1 | Hydrogen Peroxide | No Effect |
| Virox Technologies | Rescue Wipes | 74559-10 | Hydrogen Peroxide | No Effect |

Rating System

No Effect: no change in color or surface finish

Slight Effect: a change in color or surface finish only visible at certain angles or directions

Moderate Effect: a change in color or surface finish that is visible from all angles and directions

Severe Effect: a change in color or surface finish, which obviously and markedly alters the original condition of the specimen

No Effect or Slight Effect: Acceptable

Discoloring: Not acceptable beyond slight effect as noted above

Gloss: Not acceptable beyond moderate effect as noted above

Cracking, Peeling, or Bubbling: Not acceptable

DISCLAIMER

The test method is to evaluate the material's relative resistance or compatibility to specific cleaner and/or disinfectant chemistries and is not an approval or recommendation of said cleaners and/or disinfectants.

This test method is not intended to replicate a 'real world' scenario as there is no way to predict use (or misuse) of cleaners and/or disinfectants within an environment.