

# CLEANING & DISINFECTION GUIDE FOR RESILIENCE PERFORMANCE FAUX LEATHER



## RESILIENCE

**The faux leather that builds luxury into performance**

Superior stain resistance

Phthalate-Free

Soft and supple hand

Exceptional durability



### TEST PERFORMED:

Stain Resistance CFFA 141-2012 / Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes ASTM D1308-02(2013)

| RESILIENCE STAIN RESISTANCE TEST RESULTS |           |            |                 |               |
|--|-----------|------------|-----------------|---------------|
| Stain Agent                              | Dry Cloth | Water Only | Detergent Based | Solvent Based |
|  | 24 Hours  | 24 Hours   | 24 Hours        | 24 Hours      |
| Iodine                                   | 1.0       | 3.0        | 3.5             | 4.5           |
| Blood                                    | 5.0       |            |                 |               |
| Coca Cola                                | 4.5       | 5.0        |                 |               |
| Coffee                                   | 2.0       | 3.0        | 3.0             | 3.5           |
| Italian Dressing                         | 5.0       |            |                 |               |
| Ketchup                                  | 4.5       | 5.0        |                 |               |
| Liquid Foundation                        | 2.5       | 4.5        | 5.0             |               |
| Mascara                                  | 1.0       | 3.0        | 3.5             | 4.5           |
| Urine                                    | 5.0       |            |                 |               |
| Red Wine                                 | 3.5       | 5.0        |                 |               |
| Soy Sauce                                | 4.5       | 5.0        |                 |               |



### RATING SYSTEM:

- Class 5: No Evidence
- Class 4: Slight Evidence of stain present
- Class 3: Noticeable evidence of stain present
- Class 2: Considerable evidence of stain present
- Class 1: Excessive evidence of stain present

### NOTES:

Scale Used to Evaluation:  
Method Employed:  
Actual Cleaners Used:

AATCC Stain Release Replica  
Spot Test - Open  
Dry Cloth, Water, Detergent - Zout,  
Solvent - Formula 409

# RESILIENCE: RESISTANCE TO CLEANERS AND DISINFECTANTS

A coated fabric's ability to resist specific cleaners and disinfectants is an important part of the product's performance. All Resilience faux leather patterns are 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 - 7:3 dilution               | N/A                     | Isopropyl Alcohol   | No Effect                   |
| Biotrol            | Birex SE Disinfectant                          | 1043-92-51003           | Phenolic            | Slight Effect               |
| The Clorox Company | Bleach - 1:4 dilution                          | 5813-100                | Sodium Hypochlorite | No Effect                   |
| The Clorox Company | Citrace Germicide                              | 67619-29                | Ethanol             | Slight Effect               |
| The Clorox Company | Clorox Disinfecting Wipes                      | 5813-79                 | Quaternary Ammonium | No Effect                   |
| The Clorox Company | Clorox EZ Kill Wipes                           | 59894-10-67619          | Quaternary ammonium | Slight Effect               |
| The Clorox Company | Clorox Healthcare Bleach Germicidal Wipes      | 676719-12               | Sodium Hypochlorite | Slight Effect               |
| The Clorox Company | Clorox Healthcare Hydrogen Peroxide Wipes      | 67619-25                | Hydrogen Peroxide   | Slight Effect               |
| The Clorox Company | Clorox Hydrogen Peroxide Disinfectant          | 67619-24                | Hydrogen Peroxide   | No Effect                   |
| The Clorox Company | Formula 409 All Purpose Spray Cleaner          | 5813-73                 | Quaternary ammonium | Slight Effect               |
| The Clorox Company | Greenworks All purpose cleaner                 | N/A                     | Ethanol             | No Effect                   |
| Diversey Inc       | Oxivir TB                                      | 70627-56                | Hydrogen Peroxide   | Slight Effect               |
| Diversey Inc       | Virex II 256                                   | 70627-24                | Quaternary Ammonium | No Effect                   |
| Diversey Inc       | Virox 5  | N/A                     | Hydrogen Peroxide   | Slight Effect               |
| Diversey Inc       | Virox AHP 5 Disinfectant Cleaner Surface Wipes | N/A                     | Hydrogen Peroxide   | Slight Effect               |

# RESILIENCE: RESISTANCE TO CLEANERS AND DISINFECTANTS

| Manufacturer             | Product Name                                   | EPA Registration Number | Active Ingredient                   | 5th Application - Post Wipe |
|--------------------------|--|-------------------------|-------------------------------------|-----------------------------|
| Ecolab                   | Neutral Disinfectant Cleaner                   | 47371-129-1677          | Quaternary Ammonium                 | No Effect                   |
| Ecolab                   | Oasis 146                                      | 1677-198                | Quaternary Ammonium                 | No Effect                   |
| Ecolab                   | Oasis Quat 144                                 | 1677-43                 | Quaternary Ammonium                 | No Effect                   |
| Ecolab                   | Oxycide  | 1677-237                | Hydrogen Peroxide                   | Slight Effect               |
| EvaClean                 | PurTabs<br>(dilution: 500 ppm)                 | 71847-6-91524           | Sodium<br>Dichloroisocyanurate      | No Effect                   |
| Gojo Industries          | Purell Food Service Sanitizer                  | 84368-1                 | Ethyl Alcohol                       | No Effect                   |
| Metrex                   | Caviwipes                                      | 46781-8                 | Quaternary Ammonium;<br>Isopropanol | Slight Effect               |
| PDI                      | Sani-cloth AF3                                 | 9480-9                  | Quaternary Ammonium                 | Slight Effect               |
| PDI                      | Sani-cloth Germicidal Wipe                     | 9480-4                  | Quaternary Ammonium,<br>Isopropanol | Slight Effect               |
| PDI                      | Sani-cloth HB                                  | 61178-4-9480            | Quaternary Ammonium                 | No Effect                   |
| PDI                      | Sani-professional Multi Surface Wipes          | 9480-5                  | Quaternary Ammonium                 | Slight Effect               |
| PDI                      | Sani-professional Table Turners No Rinse Wipes | 9480-13                 | Quaternary Ammonium                 | No Effect                   |
| Reckitt Benckiser LLC    | Lysol Spray                                    | 777-99-675              | Quaternary ammonium,<br>Ethanol     | Slight Effect               |
| Reckitt Benckiser LLC    | Lysol Foaming Disinfectant Cleaner             | 777-71-675              | Quaternary ammonium                 | Slight Effect               |
| Russ Medical Specialties | Fade-A-Dyne                                    | N/A                     | Isopropyl Alcohol, Acetone          | Slight Effect               |
| Safetec of America       | SaniZide plus germicidal solutions             | 1839-83-67161           | Quaternary ammonium                 | Slight Effect               |
| S.C. Johnson & Son, Inc. | Fantastik Spray Cleaner                        | 4822-530                | Quaternary ammonium                 | Slight Effect               |
| SciCan                   | Optim 33 TB                                    | 74559-3-83259           | Hydrogen Peroxide                   | Slight Effect               |

# RESILIENCE: RESISTANCE TO CLEANERS AND DISINFECTANTS

| Manufacturer       | Product Name                 | EPA Registration Number | Active Ingredient                     | 5th Application - Post Wipe |
|--------------------|------------------------------|-------------------------|---------------------------------------|-----------------------------|
| Sunshine Makers    | Simple green                 | N/A                     | Ethanol                               | Slight Effect               |
| Triple S           | Perisept                     | 10324-214               | Hydrogen Peroxide, Peroxy-acetic Acid | No Effect                   |
| Virox Technologies | Accel Prevention Concentrate | 74559-4                 | Hydrogen Peroxide                     | No Effect                   |
| Virox Technologies | Accel TB                     | 74459-1                 | Hydrogen Peroxide                     | Slight Effect               |

| KEY             | DEFINITION  |
|-----------------|---|
| NO EFFECT       | NO CHANGE IN COLOR OR SURFACE FINISH  |
| SLIGHT EFFECT   | A CHANGE IN COLOR OR SURFACE FINISH ONLY VISIBLE AT CERTAIN ANGLES  |
| MODERATE EFFECT | A CHANGE IN COLOR OR SURFACE FINISH 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 |

## RATING SYSTEM:

No Effect or Slight Effect: Acceptable

Discoloring: Not acceptable beyond slight effect

Gloss: Not acceptable beyond moderate effect

Cracking, Peeling, or Bubbling: Not Acceptable

## DISCLAIMER

The test method is to evaluate the material's relative resistance or compatibility to specific cleaners 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.



Prompt cleaning is always recommended. Please follow the cleaning guide by type of stain.

### REGULAR CLEANING AND MAINTENANCE

Clean the soiled area with mild soap and water, then rinse with fresh water and wipe dry with a clean cloth.

### EXAMPLE

Dirt  
Dust  
Grime

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### FOOD STAINS / OILS

Wipe affected area with a soft cloth or soft bristle brush using a non-abrasive cleaner, for example Formula 409 or Fantastik. Rinse with fresh water and wipe dry.

Ketchup  
Chocolate  
Coffee  
Tea  
Juice

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### DIFFICULT STAINS

Clean the soiled area with 50% a solution of Isopropyl Alcohol and water. It is important to rinse the cleaned area with fresh water after applying the alcohol solution.

Eyeshadow / Mascara  
Lipstick  
Crayon  
Grease  
Mustard

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### HEALTHCARE

Clean the soiled area with a 10% solution of Household Bleach and water. It is important to rinse the cleaned area with fresh water after applying the bleach solution.

Blood  
Urine  
Betadine

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### DISINFECTION

To disinfect apply a 20% solution of Household Bleach and water or a 70% solution of Isopropyl Alcohol and water. After the appropriate contact time, wipe surface dry and gently wipe or rinse with fresh water.

NOTE: The information in this cleaning guide refers to performance in specific tests conducted under laboratory conditions. This information is not a guarantee and does not relieve the user from the responsibility of the proper and safe use of the product and referenced cleaning agents.