

Cleaning & Disinfection Guide

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RESILIENCE

The faux leather that builds luxury into performance



Cleaning Instructions

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.

Food Stains and Oils

Wipe affected area with a soft cloth with appropriate pressure. If some stains persist, clean with mild soap and water. Rinse with fresh water and wipe dry. For stubborn stains, spot clean with a 70% dilution of isopropyl alcohol (rubbing alcohol) and water and wipe. Rinse with fresh water and wipe dry.

Healthcare/Disinfection

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.

Difficult Stains

Clean the soiled area with 70% solution of isopropyl alcohol and water. It is important to rinse the cleaned area with fresh water after applying the alcohol solution.

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.



Stain Resistance

Standard Test Method For Effect of Household Chemicals on Clear and Pigmented Organic Finishes ASTM D1308-20

Stain Resistance CFFA-141 (2017), Method II

Stain Resistance In Healthcare Environment CFFA 142 (2021)

Stain Agent	Dry Cloth	Wet Cloth	Zout	Formula 409	91% Isopropyl Alcohol
Baby Oil	2	2.5	5		
Ballpoint Pen	1.5	1.5	2	3.5	
Blood	5				
Cola	5				
Coffee	1	5			
Hair Spray	5				
Human Sweat	4	5			
Italian Dressing	5				
Ketchup	3.5	5			
Lipstick	5				
Lotion	3	4	5		
Makeup	1	1	5		
Mascara	2	2.5	3.5	5	
Nail Polish Remover	1	2.5	5		
Red Wine	1	5			
Soy Sauce	2.5	5			
Stomach Acid	2.5	5			
Suntan Lotion	5				
Urine	5				

Rating System

- 5: Complete stain removal, no trace of stain remains
- 4: Most of the stain is removed, slight trace of stain remains
- 3: Stain is significantly removed, but stain remains visible
- 2: Not much of the stain is removed, stain is still very visible
- 1: No stain removal, stain is not affected by cleaning reagents

Testing is conducted sequentially using the different cleaning agents.
The test for any given stain is completed once a 5 rating is achieved.



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 Hyphyn patterns are tested using the rigorous protocol developed by coated fabric manufacturers and distributors in conjunction with The Association For Contract Textiles.

Product Name	Manufacturer	EPA Registration #	Active Ingredient	5th Application Post Wipe
3M Quat Disinfectant Ready to-use Cleaner	3M	N/A	Ammonium Chloride	Slight Effect
Accel Prevention Concentrate	Virox Technologies	74559-4	Hydrogen Peroxide	Slight Effect
Accel TB	Virox Technologies	74559-1	Hydrogen Peroxide	Slight Effect
Birex SE Disinfectant	Biotrol	1043-92-51003	Phenolic	Slight Effect
Bleach - 1:10 dilution	The Clorox Company	5813-100	Sodium Hypochlorite	No Effect
Botanical Deacon 30	Benefect	84863-3-74771	Thymol	No Effect
Botanical Disinfectant Wipes	Benefect	84683-4-74771	Thymol	Slight Effect
Caviwipes	Metrex	46781-8	Quaternary Ammonium; Isopropanol	Slight Effect
Chlor-Clean Detergent Sanitisers Tablets	Guest Medical	N/A	Sodium Dichloroisocyanurate	Slight Effect
Clinell Universal Wipes	Clinell	N/A	Chlorhexidine	Slight Effect
Clorox Citrace Germicide	The Clorox Company	67619-29	Ethanol	Slight Effect
Clorox Disinfecting Wipes	The Clorox Company	5813-79	Quaternary Ammonium	No Effect
Clorox EZ Kill Wipes	The Clorox Company	59894-10-67619	Quaternary Ammonium	No Effect
Clorox Formula 409 All Purpose Spray Cleaner	The Clorox Company	5813-73	Quaternary ammonium	No Effect
Clorox Healthcare Bleach Germicidal Wipes	The Clorox Company	676719-12	Sodium Hypochlorite	No Effect
Clorox Healthcare Hydrogen Peroxide Wipes	The Clorox Company	67619-25	Hydrogen Peroxide	No Effect
Clorox Hydrogen Peroxide Disinfectant	The Clorox Company	67619-24	Hydrogen Peroxide	No Effect
Envirocleanse A Anolite Solution	Envirocleanse LLC	85134-1	Hypchlorous Acid	Moderate Effect
Fade-A-Dyne	Russ Medical Specialties	N/A	Isopropyl Alcohol; Acetone	Slight Effect
Fantastik Spray Cleaner	S.C. Johnson & Son, Inc	4822-530	Quaternary ammonium	No Effect



Resistance to Cleaners and Disinfectants, Cont.

Product Name	Manufacturer	EPA Registration #	Active Ingredient	5th Application Post Wipe
Isopropyl Alcohol - 7:3 dilution	ALL	N/A	Isopropyl Alcohol	No Effect
Reckitt Benckiser LLC	Lysol Foaming Disinfectant	777-71-675	Quaternary ammonium	No Effect
Reckitt Benckiser LLC	Lysol Spray	777-99-675	Quaternary ammonium, Ethanol	No Effect
Neutral Disinfectant Cleaner	Ecolab	47371-129- 1677	Quaternary Ammonium	No Effect
Oasis 146	Ecolab	1677-198	Quaternary Ammonium	No Effect
Oasis Quat 144	Ecolab	1677-43	Quaternary Ammonium	No Effect
Optim 33 TB	SciCan	74559-3- 83259	Hydrogen Peroxide	Slight Effect
Original Botanical Disinfectant	Benefect	84863-1- 74771	Thyme Oil	No Effect
Oxivir TB	Diversey Inc	70627-56	Hydrogen Peroxide	No Effect
Oxycide	Ecolab	1677-237	Hydrogen Peroxide	No Effect
Perisept	Triple S	10324-214	Hydrogen Peroxide, Peroxyacetic Acid	No Effect
Purell Food Service Sanitizer	Gojo Industries	84368-1	Ethyl Alcohol	No Effect
PurTabs (dilution: 500 ppm)	EvaClean	71847-6- 91524	Sodium Dichloroisocyanurate	No Effect
Sani-cloth AF3	PDI	9480-9	Quaternary Ammonium	No Effect
Sani-cloth Germicidal Wipe	PDI	9480-4	Quaternary Ammonium, Isopropanol	Slight Effect
Sani-cloth HB	PDI	61178-4- 9480	Quaternary Ammonium	No Effect
Sani-Cloth Plus	PDI	9480-6	Quaternary Ammonium	Severe Effect
Sani-Cloth Prime Germicidal Disposable Wipes	PDI	9480-12	Quaternary Ammonium; Ethanol; Isopropanol	No Effect
Sani-professional Multi Surface Wipes	PDI	9480-5	Quaternary Ammonium	Slight Effect
Sani-professional Table Turners No Rinse Wipes	PDI	9480-13	Quaternary Ammonium	No Effect
SaniZide plus germicidal solutions	Safetec of America	1839-83- 67161	Quaternary ammonium	Slight Effect



Resistance to Cleaners and Disinfectants, Cont.

Product Name	Manufacturer	EPA Registration #	Active Ingredient	5th Application Post Wipe
Simple green	Sunshine Makers	N/A	Ethanol	No Effect
Spartan Super HDQ L10	Spartan	1839-167- 5741	Dicapryl/Dicaprylyl Dimonium Chloride	No Effect
Virex II 256	Diversey Inc	70627-24	Quaternary Ammonium	No Effect
Virex Plus One-Step Disinfectant Cleaner	Diversey Inc	6836-349- 70627	Ammonium Chlorides	No Effect
Virox 5	Diversey Inc	N/A	Hydrogen Peroxide	No Effect
Virox AHP 5 Disinfectant Cleaner Surface Wipes	Diversey Inc	N/A	Hydrogen Peroxide	No Effect
Wex-Cide	Wexford Labs Inc	128 34810- 31	Phenolic	Severe Effect

Rating Definitions:

No Effect: No change in color or surface finish

Slight effect: Change in color or surface finish only visible at certain angles

Moderate effect: Change in color or surface finish visible from all angles and directions

Severe effect: Change in color or surface finish, which obviously and markedly alters the original condition of the specimen

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 against the control sample for any visual changes.

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.