April 14, 2020

To: All Concerned

From: M.J. Dani, Ch.E., CEO

We have recently been asked about products that are anti-microbial and/or hospital chemicals and cleaning compounds resistant. We have been testing a list of many such chemicals listed at https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2. These compounds are generally milder than the concentration levels we have tested so we believe we will pass all listed: Acids, Alkalies, Oxidizing or reducing agents, Ammonia, and different quaternary ammonium salts, and bleaches.

Our "hard-coated" polyesters have some of the best properties in terms of heat, scratch, stain and chemical resistance properties have been tested according to NEMA LD3-2000 3.4 stain tests and ASTM D-1308, Method B-24 and reports are on our sales literature and our website (www.finishtechcorp.com). Our hard-coats also pass California Proposition 66 without any special disclosures required.

As for "anti-microbial", we do not claim our product surface to be, but we are looking to offer such in the future. However, our surface being highly cross-linked, it will discourage microbial colonies to grow – since it does not offer any food (unlike certain plastics like PVC). Also, the very low surface energy of our surfaces discourages the colonies from sticking and EASY clean up. On the other side, our surfaces are NOT toxic at all and are suitable for even children's toys.

Please feel free to contact us for further or specific questions.

Finish Tech Corp • 90 Industrial Drive • Ivyland, PA 18974 USA
Phone: 215·396·8800 • Toll Free: 866·396·8898 • Fax: 215·396·8810
www.finishtechcorp.com

Technical Data Sheet

FinishTech
SMART SURFACING SOLUTIONS

Item Number: CLER-0218

Product Name: EVERASE™ *ClearFilms* – **2 mil Clear Dry Erase (NI)**

Description: This product consists of a 2 mil clear polyester film with a dry erase hard coat finish. A pressure sensitive or heat seal adhesive may be applied to the back of the film for application. This 2 mil product offers a truly superior combination of scratch, abrasion, heat, water, solvent, stain, and chemical resistance.

Technical Performance:

Characteristic	Property	Result
Gloss	60 degrees using BYK Gardner/Micro-TRI-gloss test method	100%
Durability	Scratch resistance using Hoffman Scratch Test	700
	Hardness – Pencil using ASTM D3363-74	7H
Wearability	Abrasion resistance using Taber Abrasion/500 g-CS-10 wheel	500+ cycles
	Wear resistance using BYK Gardner Sled	5,000+ cycles

Chemical Resistance: CLER-0218 was tested with each of the following agents commonly found in most disinfectants. Each agent was in contact with the product overnight and was then wiped off. CLER-0218 maintained functionality as a scratch resistant dry erase hard coat.

These agents had **no effect on CLER- 0218:**

Common Ingredients Found in Disinfectants

Ethanol
Isopropyl Alcohol, Anhydrous
Bleach (Sodium Hypochlorite)
Peroxide

Stain Resistance: CLER-0218 was tested and graded with each of the following agents using the *NEMA LD 3.4* stain test.

Distilled water	0	Ketchup	N/A
50/50 ethyl alcohol/water	0	Yellow mustard	0
Acetone	0	10% iodine	5
Household ammonia	N/A	Purple stamp ink	3
10% citric acid	0	#2 pencil	1
Vegetable oil	0	Wax crayon	1
Coffee	0	Black shoe polish	1
Tea	0	**Total *NEMA* Rating**	**11**

These lab results are provided as a service only. All products are sold upon condition that the purchaser shall make their own tests and judgments. No warrant of merchantability or fitness for any purpose is implied by these test results. Neither does this constitute the seller's product specifications.

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Technical Data Sheet

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Item #	Description	Width
CLPA-0601	**6 mil White Dry Erase**	**62"**
CLPA-0602	**6 mil White Dry Erase**	**55"**
CLPA-0603	**6 mil White Dry Erase**	**52"**

Description: This product consists of a 6-mil Polyolefin Film Synthetic Paper with a dry erase hard coat finish. A pressure sensitive or heat seal adhesive may be applied to the back of the film for application. This 6-mil product offers a truly superior combination of scratch, abrasion, heat, water, solvent, chemical, and stain resistance.

Technical Performance:

Characteristic	Property	Result
Gloss	60 ° using BYK Gardner/Micro-TRI-gloss test method	>85%
Durability	Scratch resistance using Hoffman Scratch Test	700
	Hardness – Pencil using ASTM D3363-74	7H
Wearability	Abrasion resistance using Taber Abrasion/500 g-CS-10 wheel	500+ cycles
	Wear resistance using BYK Gardner Sled	5,000+ cycles

Chemical Resistance: CLPA-0601 was tested with each of the listed agents commonly found in most disinfectants. Each agent was in contact with the product for 24 hrs. and was then wiped off. CLPA-0601 maintained functionality as a scratch resistant dry erase hard coat.

Common Ingredients Found in Disinfectants

Ethanol
Isopropyl Alcohol, Anhydrous
Bleach (Sodium Hypochlorite)
Peroxide
Sodium Hydroxide

These agents had no effect on CLPA-0601

Stain Resistance: CLPA-0601 was tested and graded with each of the following agents using the *NEMA LD 3.4* stain test.

Distilled water	0	Ketchup	N/A
50/50 ethyl alcohol/water	0	Yellow mustard	0
Acetone	0	10% iodine	5
Household ammonia	N/A	Purple stamp ink	3
10% citric acid	0	#2 pencil	1
Vegetable oil	0	Wax crayon	1
Coffee	0	Black shoe polish	1
Tea	0	**Total *NEMA* Rating**	**11**

EC Declaration of Conformity: The 6-mil White Dry Erase is in conformity with the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared:

- Substances Restricted under REACH
- Annex XIV of REACH ("Authorization List")
- Candidate List of Substances of Very High Concern for Authorization, Annex XVII to REACH
- Substitute It Now (SIN)
- Substances Restricted under RoHS

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TECHNICAL PERFORMANCE OF EVERASE® SURFACES

Our specifically engineered dry erase composite surface provides excellent printability and erasability in an impervious formulation. Everase offers the best quality features of scratch, chemical, stain, heat, and wear resistance and remains unsurpassed when compared and contrasted with our competition.

FEATURES	PROPERTY	RESULT
WRITEABILITY	Use of any dry erase, fluorescent, semi-permanent, and permanent markers and crayons will not damage the Everase surface.	Better than comparable products
ERASABILITY	Dry erasability using Boone 30 day test method	5 lbs/3 rubs or better with all tested dry erase markers*
	Gloss at 60 degrees using BYK Gardner / Micro-TRI-Gloss Test Method	100%
VISIBILITY	Excellent contrast compared to chalkboards. Allows for multi-color presentations	Excellent
PRINTABILITY	Excellent marker pen printability and erasability	Better than comparable products
	Non-ghosting, non-yellowing product	
	Both permanent and dry erase markers can be used for permanent and temporary information but then cleaned easily	
DURABILITY	Scratch resistance using Hoffman Scratch Test	700
	Hardness - Pencil using ASTM D3363-74	7H
WEARABILITY	Abrasion resistance using Taber Abrasion / 500 g - CS-10 Wheel	500 cycles
	Wear resistance using BYK Gardner Sled	5000 cycles
STAIN RESISTANCE	NEMA LD3-2000 3-4 Stain Resistance Report	Coffee, Tea, Mustard, Black permanent marker, #2 Pencil, Wax Crayon, Lipstick: 0 (No effect)
CHEMICAL RESISTANCE	ASTM D-1308 Method B-24 Report	Glass Cleaner - No stain Rubbing alcohol - No stain MEK (Methyl Ethyl Ketone) - No stain

EVERASE
THE BRIGHTEST IDEAS IN WHITEBOARDS

These lab results are provided as a service only. All products are sold upon condition that the purchaser shall make their own tests and judgments. No warranty of merchantability or fitness for any purpose is implied by these test results, neither does this constitute the seller's product specifications. Everase® is a Registered Trademark. * Test Method and Results are available upon request.

EVERASE CORPORATION • 90 Industrial Drive • Ivyland, PA 18974 USA
1-800-494-5677 • Fax: 215-323-4135 • info@everase.com • www.everase.com