



3303 Paine Ave • Sheboygan WI 53081
 Tel. (920) 459-2500
 www.suburbanlabs.com
 Wisconsin DNR Certified #460024950
 Wisconsin DATCP Certified #115143

SEFA 3.0 - 2020 LABORATORY WORK SURFACES TEST

Performed for: Greenlam Industries Limited
 2nd Floor West Wing
 Worldmark 1 Aerocity
 IGI Airport Hospitality District
 New Delhi, India

Contact Information: Sonal Detroja
 215-859-7469
 sonal.us@greenlam.com

Sample Description:

- > Sample Description: Greenlam "Lab Guardian" Chemical Resistant Laminate
- > Type of Material Coated: Design No. 9801, 9802, 9803, 9804
- > Material Surface: High Pressure Laminate

Reference: Scientific Equipment & Furniture Association (SEFA)
 Laboratory Furniture Casework, Shelving and Tables Recommended Practices
 SEFA 3 – 2020 Laboratory Work Surfaces

Section 3.0 - 2020 Laboratory Work Surfaces Results:

2.1 Chemical/Stain Resistance
 See detailed results on attached form.

Four Level 3 conditions permitted Rating: Pass Fail

There are (0) Level 3 conditions evident

COMPANY INFORMATION	TEST SUPERVISOR INFORMATION
Name: Suburban Laboratories of Southeast Wisconsin LLC	Name: Arthur F. Lautenbach
Address: 3303 Paine Avenue	Title: QA/Technical Manager
Sheboygan, WI 53081	Signature:
Telephone: (920) 459-2500	COMPANY OFFICER INFORMATION
Fax: (920) 459-2503	Name: Patrick Liberg
Date: 3 / 30 / 2021	Title: Compliance Services Manager
	Signature:

SUBURBAN LABORATORIES of Southeast WI LLC



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Date of Test: 3/24/2021	Sample Description: Greenlam "Lab Guardian" Chemical Resistant Laminate	Type of Material Coated: Design No: 9801, 9802, 9803, 9804	Material Type: High Pressure Laminate
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Acceptance Level:

- 0 - No Effect - No Detectable Change in the material surface.
- 1 - Excellent – Slight detectable change in color or gloss but no change in function or life of the surface.
- 2 – Good – A clearly discernible change in color or gloss but no significant impairment of surface life or function.
- 3 – Fair -Objectionable change in appearance due to discoloration or etch, possibly resulting in deterioration of function over an extended period of time.

#	Chemical	Rating	Comments
1	Amyl Acetate	0	No Effect - No Detectable Change in the material surface.
2	Ethyl Acetate	1	Excellent – Very slight detectable change in color or gloss but no change in function or life of the surface
3	Acetic Acid 98%	0	No Effect - No Detectable Change in the material surface
4	Acetone	0	No Effect - No Detectable Change in the material surface
5	Acid Dichromate 5%	0	No Effect - No Detectable Change in the material surface
6	Butyl Alcohol	0	No Effect - No Detectable Change in the material surface
7	Ethyl Alcohol	0	No Effect - No Detectable Change in the material surface
8	Methyl Alcohol	0	No Effect - No Detectable Change in the material surface
9	Ammonia Hydroxide 28%	0	No Effect - No Detectable Change in the material surface
10	Benzene	1	Excellent – Very slight detectable change in color or gloss but no change in function or life of the surface
11	Carbon Tetrachloride	0	No Effect - No Detectable Change in the material surface
12	Chloroform	0	No Effect - No Detectable Change in the material surface
13	Chromic Acid 60%	0	No Effect - No Detectable Change in the material surface
14	Cresol	0	No Effect - No Detectable Change in the material surface
15	Dichloroacetic Acid	1	Excellent – Slight detectable change in color or gloss but no change in function or life of the surface
16	Dimethyl Formamide	2	Good – A clearly discernible change in color or gloss but no significant impairment of surface life or function.
17	Dioxane	1	Excellent – Very slight detectable change in color or gloss but no change in function or life of the surface
18	Ethyl Ether	1	Excellent – Very slight detectable change in color or gloss but no change in function or life of the surface
19	Formaldehyde 37%	0	No Effect - No Detectable Change in the material surface
20	Formic Acid 90%	0	No Effect - No Detectable Change in the material surface.
21	Furfural	0	No Effect - No Detectable Change in the material surface
22	Gasoline	0	No Effect - No Detectable Change in the material surface
23	Hydrochloric Acid 37%	0	No Effect - No Detectable Change in the material surface
24	Hydrofluoric Acid 48%	2	Good – A clearly discernible change in color or gloss but no significant impairment of surface life or function.
25	Hydrogen Peroxide 30%	0	No Effect - No Detectable Change in the material surface

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#	Chemical	Rating	Comments
26	Tincture of Iodine	1	Excellent – Very slight detectable change in color or gloss but no change in function or life of the surface
27	Methyl Ethyl Ketone	0	No Effect - No Detectable Change in the material surface
28	Methylene Chloride	0	No Effect - No Detectable Change in the material surface
29	Monochlorobenzene	0	No Effect - No Detectable Change in the material surface
30	VM&P Naphtha	0	No Effect - No Detectable Change in the material surface
31	Nitric Acid 20%	0	No Effect - No Detectable Change in the material surface
32	Nitric Acid 30%	0	No Effect - No Detectable Change in the material surface
33	Nitric Acid 70%	0	No Effect - No Detectable Change in the material surface
34	Phenol 90%	0	No Effect - No Detectable Change in the material surface
35	Phosphoric Acid 85%	0	No Effect - No Detectable Change in the material surface
36	Silver Nitrate, Saturated	0	No Effect - No Detectable Change in the material surface
37	Sodium Hydroxide 10%	1	Excellent – Slight detectable change in color or gloss but no change in function or life of the surface
38	Sodium Hydroxide 20%	2	Good – A clearly discernible change in color or gloss but no significant impairment of surface life or function.
39	Sodium Hydroxide 40%	2	Good – A clearly discernible change in color or gloss but no significant impairment of surface life or function.
40	Sodium Hydroxide, Flake	1	Excellent – Slight detectable change in color or gloss but no change in function or life of the surface
41	Sodium Sulfide, Saturated	0	No Effect - No Detectable Change in the material surface
42	Sulfuric Acid 33%	0	No Effect - No Detectable Change in the material surface
43	Sulfuric Acid 77%	1	Excellent – Slight detectable change in color or gloss but no change in function or life of the surface
44	Sulfuric Acid 96%	1	Excellent – Slight detectable change in color or gloss but no change in function or life of the surface

Greenlam Industries Limited

Design No. 9801, 9802, 9803, 9804

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