SEFA 3.0 LABORATORY WORK SURFACES TESTS

Performed for: THESIZE SURFACES, S.L.
P.I.CAMI FONDO, SUPOI 8. C/DELS IBERS, 31.
12550 ALMAZORA (CASTELLON) SPAIN

Item Tested: NEOLITH SATIN

Reference: Scientific Equipment & Furniture Association (SEFA)
Laboratory Work Surfaces Recommended Practices
SEFA 3-2010

Section 3.0 Laboratory Work Surfaces Tests

Results:

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

Four Level 3 conditions permitted Rating: ☒ Pass ☐ Fail

There is one (1) Level 3 condition evident

COMPANY INFORMATION	TEST SUPERVISOR INFORMATION
Name: Cardinal Environmental, Inc.	Name: Art Lautenbach
Address: 3303 Paine Avenue	Title: Environmental Analyst
Sheboygan, WI 53081	Signature:
Telephone: (920) 459-2500	**COMPANY OFFICER INFORMATION**
Fax: (920) 459-2503	Name: Scott Hanson
	Title: President
Date: 11/31/18	Signature

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CHEMICAL/STAIN RESISTANCE TESTING – 2.1

Date of Test:	Sample Description:	Type of Material Coated:	Coating Type:
1/24/2018	NEOLITH SATIN	SINTERED COMPACT SURFACE	NO COATING

Rating Scale:

Level 0 – No Effect – No Detectable Change in the Material Surface
Level 1 – Excellent – Slight Detectable Change in Color or Gloss but No Significant Change in Function or Life of Surface
Level 2 – Good – A Clearly Discernable Change in Color or Gloss but No Significant Impairment of Surface Life or Function
Level 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	0	No Effect – No Detectable Change in the Material 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	0	No Effect – No Detectable Change in the Material 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	0	No Effect – No Detectable Change in the Material Surface
16	Dimethylformamide	0	No Effect – No Detectable Change in the Material Surface
17	Dioxane	0	No Effect – No Detectable Change in the Material Surface
18	Ethyl Ether	0	No Effect – No Detectable Change in the Material 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%	1	Very Slight Change in Gloss
24	Hydroflouric Acid 48%	3	Objectionable Change in Appearance Due to Discoloration and Etching
25	Hydrogen Peroxide 30%	1	Very Slight Change in Gloss
26	Tincture of Iodine	0	No Effect – No Detectable Change in the Material Surface

Test Performed By: Art Lautenbach Date: 1/24/2018

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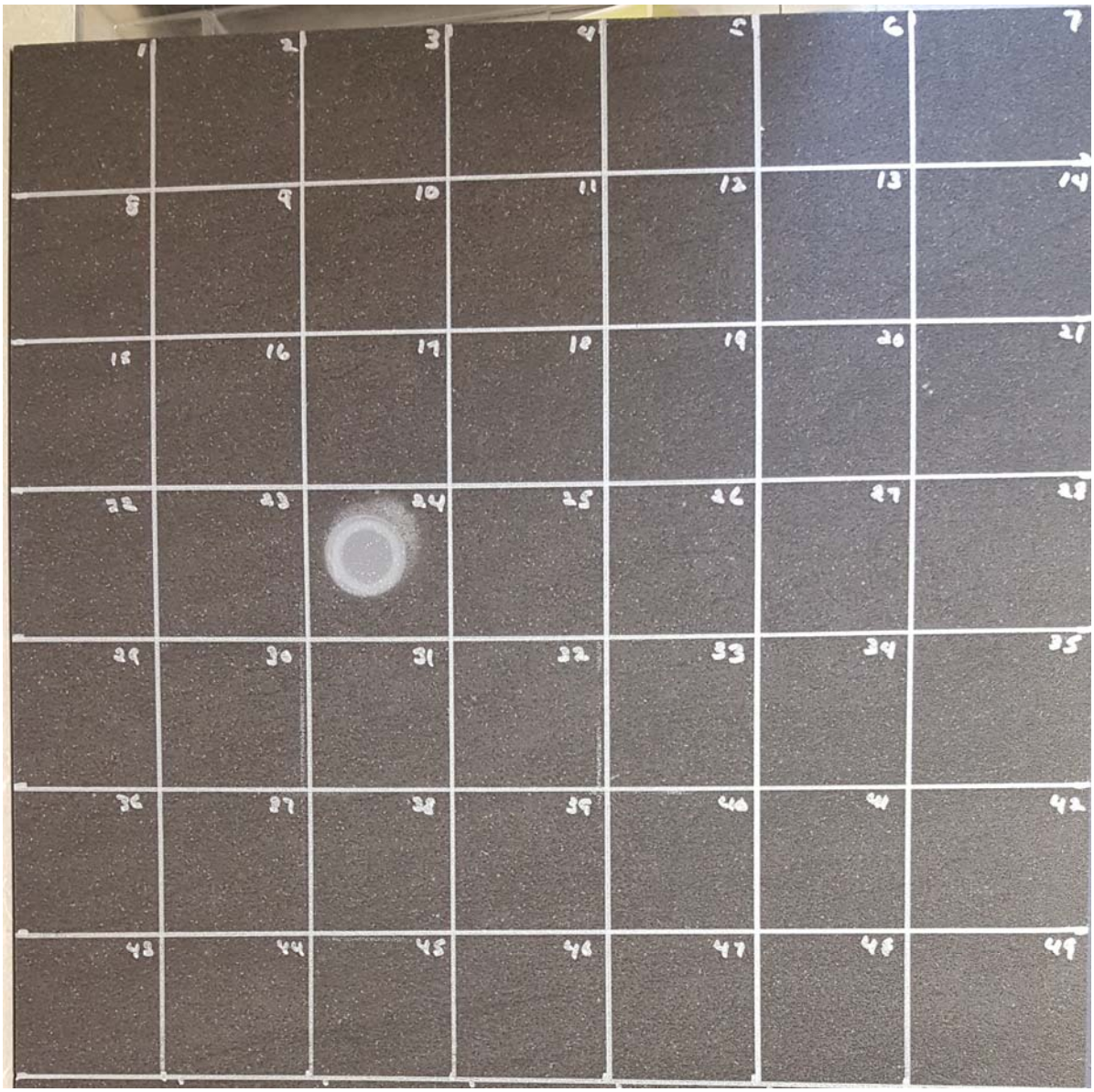
#	Chemical	Rating	Comments
27	Methyl Ethyl Ketone	0	No Effect – No Detectable Change in the Material Surface
28	Methylene Chloride	0	No Effect – No Detectable Change in the Material Surface
29	Monochlorobenzene	0	No Effect – No Detectable Change in the Material Surface
30	Naptha VM&P	0	No Effect – No Detectable Change in the Material Surface
31	Nitric Acid 20%	1	Very Slight Change in Gloss
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%	1	Very Slight Change in Gloss
36	Silver Nitrate, Saturated	0	No Effect – No Detectable Change in the Material Surface
37	Sodium Hydroxide 10%	0	No Effect – No Detectable Change in the Material Surface
38	Sodium Hydroxide 20%	0	No Effect – No Detectable Change in the Material Surface
39	Sodium Hydroxide 40%	0	No Effect – No Detectable Change in the Material Surface
40	Sodium Hydroxide, Flake	0	No Effect – No Detectable Change in the Material Surface
41	Sodium Sulfide, Saturated	1	Very Slight Change in Gloss
42	Sulfuric Acid 33%	0	No Effect – No Detectable Change in the Material Surface
43	Sulfuric Acid 77%	0	No Effect – No Detectable Change in the Material Surface
44	Sulfuric Acid 96%	0	No Effect – No Detectable Change in the Material Surface
45	Sulfuric Acid 77% and Nitric Acid 70%, equal parts	0	No Effect – No Detectable Change in the Material Surface
46	Toluene	0	No Effect – No Detectable Change in the Material Surface
47	Trichloroethylene	0	No Effect – No Detectable Change in the Material Surface
48	Xylene	0	No Effect – No Detectable Change in the Material Surface
49	Zinc Chloride, Saturated	0	No Effect – No Detectable Change in the Material Surface

Test Performed By: Art Lautenbach Date: 1/24/2018

THESIZE SURFACES, S.L.
NEOLITH SATIN



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Hydroflouric Acid 48%