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Scientific Equipment & Fumiture Association

SEFA 8.0 CABINET SURFACE FINISH TESTS

Performed
for: ARPA INDUSTRIALE
Spa Via G. Piumati, 91
12042 Bra (CN) Italy

Item Tested: ARPA FENIX NTM 0.9 mm.- Fancy lridescent

Reference: Scientific Equipment & Furniture Association (SEFA)
Laboratory Furniture Casework, Shelving and Tables Recommended Practices SEFA 8-PL 2010

Section 8.0 Cabinet Surface Finish Tests

Results:

8.1 Chemical Spot Test
See detailed results an attached form.

Four Level 3 conditions permitted Rating: [S] Pass 13 Fail

There is one (1) Level 3 condition evident

8.2 Boiling Water Resistance Test Rating: ❑ Pass 3 Fail

Test not requested by customer

8.3 Ball Impact Resistance Test Rating:

Rating: C Pass 3 Fail

Test not requested bv customer

8.6 Dart Impact Resistance Test Rating:

Rating: 111 Pass 3 Fail

Test not requested by customer

Tests performed by: Dr. Neil M. Ball Title: Environmental Analyst

7P L949 Ph.D 3-2 (3
Signature Date

State of Wisconsin
County of Sheboy gan

This docu m nt Wa s signe d bef e me an 3 / 13 .

NOTARY PUBLIC JENNIFR BEIMEL STATE OF WISCONSIN

Jenni Beimel Notary Expire s 4-21-2013

C A I ~ D I N A L
E N V I R O N M E N T A L
3303 Paine Avenue
Sheboygan, WI 53001
(920)459-2500" (000)413-7225
Fax (920)459-2503
www.carclinalenvironrnental.com

CHEMICAL RESISTANCE TESTING - 8.1

Scientific Equipment & Furniture Association

SEFA 8-PL 2010

Date of Test:	Sample Description:
3-26-2013	ARPA FENIX NTM 0.9 mm.- Fancy Iridescent

Rating Scale: Level 0 - No Detectable Change
Level 1 - Slight Change in Color or Gloss
Level 2 — Slight Surface Etching or Severe Staining
Level 3- Pitting, Cratering, Swelling, Erosion of Coating, Obvious & Significant Deterioration.

#	Chem ical	Rating	Comments
1	Essigsäurepentylester	0	
2	Essigsäureethylester	0	
3	Essigsäure 98%	0	
4	Aceton	0	
5	Dichromat 5%	0	
6	Butanol	1	Leichte Veränderung der Farbe (weisser Ring)
7	Ethanol	0	
8	Methanol	0	
9	Ammoniumhydroxid 28%	0	
10	Benzol	1	Leichte Veränderung des Glanzgrads
11	Tetrachlormethan	0	
12	Chloroform	0	
13	Chromsäure 60%	0	
14	Kresol	0	
15	Dichloressigsäure	0	
16	Dimethylformamid	0	
17	Dioxan	0	
18	Diethylether	0	
19	Formaldehyde 37%	0	
20	Ameisensäure 90%	0	
21	Furfural	1	Leichte Veränderung des Glanzgrads
22	Benzin	0	
23	Salzsäure 37%	0	
24	Fluorwasserstoffsäure 48%	3	Sehr starke Veränderung der Oberfläche
25	Wasserstoffperoxid 30%	0	
26	Jodtinktur	0	

Test Performed By: Dr. Neil M. Ball Date: 3-27-2013

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Scientific Equipment & Furniture Association

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#	Chemical	Rating	Comments
27	Butanon	0	
28	Dichlormethan	1	Leichte Veränderung der Farbe (weisser Ring)
29	Chlorbenzol	0	
30	Naptha VM&P	0	
31	Salpetersäure 20%	0	
32	Salpetersäure 30%	0	
33	Salpetersäure 70%	0	
34	Phenol 90%	0	
35	Phosphorsäure 85%	0	
36	Silbernitrat, gesättigt	0	
37	Natriumhydroxid 10%	0	
38	Natriumhydroxid 20%	0	
39	Natriumhydroxid 40%	0	
40	Natriumhydroxid, Flake	0	
41	Natriumsulfid, gesättigt	1	Leichte Veränderung der Farbe (grau)
42	Schwefelsäure 33%	0	
43	Schwefelsäure 77%	0	
44	Schwefelsäure 96%	0	
45	Schwefelsäure 77% + Salpetersäure 70%,	0	
46	Toluol	1	Leichte Veränderung des Glanzgrads
47	Trichloethen	0	
48	Xylole	0	
49	Zinkchlorid, gesättigt	0	

Test Performed By: Dr. Neil M. Ball Date: 3-27-2013

ARPA INDUSTRIALE Spa
ARPA FENIX NTM 0.9 mm.- Fancy Iridescent

