

SEFA 8.0 CABINET SURFACE FINISH TESTS

Performed for: SCAT Europe Gmbh

Item Tested: Basic Material / Solid Material PEHD-EL High-Density Polyethylene Electrically Conductive

Reference: Scientific Equipment & Furniture Association (SEFA)
Laboratory Furniture Casework, Shelving and Tables Recommended Practices
SEFA 8-PL 2014



Section 8.0 Cabinet Surface Finish Tests

Results:

8.1 Chemical Spot Test
See detailed results on attached form.

Four Level 3 conditions permitted Rating: Pass Fail

There are zero (0) Level 3 conditions 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: Jennifer Kester |
| | Title: Vice President |
| Date: | Signature  |

CHEMICAL RESISTANCE TESTING – 8.1

| | | | |
|---------------------------|--|---|-----------------------------------|
| Date of Test: 11/25/19 | Sample Description: Basic Material / Solid Material | Type of Material Coated: PEHD – EL High-Density Polyethylene Electrically Conductive | Coating Type: Plastic Laminate |
|---------------------------|--|---|-----------------------------------|

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.

| # | Chemical | Rating | Comments |
|----|-----------------------|--------|----------------------|
| 1 | Amyl Acetate | 0 | No Detectable Change |
| 2 | Ethyl Acetate | 0 | No Detectable Change |
| 3 | Acetic Acid 98% | 0 | No Detectable Change |
| 4 | Acetone | 0 | No Detectable Change |
| 5 | Acid Dichromate 5% | 0 | No Detectable Change |
| 6 | Butyl Alcohol | 0 | No Detectable Change |
| 7 | Ethyl Alcohol | 0 | No Detectable Change |
| 8 | Methyl Alcohol | 0 | No Detectable Change |
| 9 | Ammonia Hydroxide 28% | 0 | No Detectable Change |
| 10 | Benzene | 0 | No Detectable Change |
| 11 | Carbon Tetrachloride | 0 | No Detectable Change |
| 12 | Chloroform | 0 | No Detectable Change |
| 13 | Chromic Acid 60% | 0 | No Detectable Change |
| 14 | Cresol | 0 | No Detectable Change |
| 15 | Dichloroacetic Acid | 0 | No Detectable Change |
| 16 | Dimethylformamide | 0 | No Detectable Change |
| 17 | Dioxane | 0 | No Detectable Change |
| 18 | Ethyl Ether | 0 | No Detectable Change |
| 19 | Formaldehyde 37% | 0 | No Detectable Change |
| 20 | Formic Acid 90% | 0 | No Detectable Change |
| 21 | Furfural | 0 | No Detectable Change |
| 22 | Gasoline | 0 | No Detectable Change |
| 23 | Hydrochloric Acid 37% | 0 | No Detectable Change |
| 24 | Hydroflouric Acid 48% | 0 | No Detectable Change |
| 25 | Hydrogen Peroxide 30% | 0 | No Detectable Change |
| 26 | Tincture of Iodine | 0 | No Detectable Change |

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| # | Chemical | Rating | Comments |
| 27 | Methyl Ethyl Ketone | 0 | No Detectable Change |
| 28 | Methylene Chloride | 0 | No Detectable Change |
| 29 | Monochlorobenzene | 0 | No Detectable Change |
| 30 | Naptha VM&P | 0 | No Detectable Change |
| 31 | Nitric Acid 20% | 0 | No Detectable Change |
| 32 | Nitric Acid 30% | 0 | No Detectable Change |
| 33 | Nitric Acid 70% | 0 | No Detectable Change |
| 34 | Phenol 90% | 0 | No Detectable Change |
| 35 | Phosphoric Acid 85% | 0 | No Detectable Change |
| 36 | Silver Nitrate, Saturated | 0 | No Detectable Change |
| 37 | Sodium Hydroxide 10% | 0 | No Detectable Change |
| 38 | Sodium Hydroxide 20% | 0 | No Detectable Change |
| 39 | Sodium Hydroxide 40% | 0 | No Detectable Change |
| 40 | Sodium Hydroxide, Flake | 0 | No Detectable Change |
| 41 | Sodium Sulfide, Saturated | 0 | No Detectable Change |
| 42 | Sulfuric Acid 33% | 0 | No Detectable Change |
| 43 | Sulfuric Acid 77% | 0 | No Detectable Change |
| 44 | Sulfuric Acid 96% | 0 | No Detectable Change |
| 45 | Sulfuric Acid 77% and Nitric Acid 70%, equal parts | 0 | No Detectable Change |
| 46 | Toluene | 0 | No Detectable Change |
| 47 | Trichloroethylene | 0 | No Detectable Change |
| 48 | Xylene | 0 | No Detectable Change |
| 49 | Zinc Chloride, Saturated | 0 | No Detectable Change |
| Test Performed By: Art Lautenbach | | | Date: 11/25/2019 |

SCAT Europe GmbH

Basic Material / Solid Material PEHD-EL High-Density Polyethylene Electrically Conductive

SEFA 8

