

CHEMICAL RESISTANCE TESTING – 8-M-2010

Date of Test:

Sample Description:

Type of Material Coated:

Coating Type:

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 and Significant Deterioration.

#	CHEMICAL	RATING	COMMENTS
1	Acetate, Amyl		
2	Acetate, Ethyl		
3	Acetic Acid 98%		
4	Acetone		
5	Acid Dichromate 5%		
6	Alcohol, Butyl		
7	Alcohol, Ethyl		
8	Alcohol, Methyl		
9	Ammonium Hydroxide 28%		
10	Benzene		
11	Carbon Tetrachloride		
12	Chloroform		
13	Chromic Acid 60%		
14	Cresol		
15	Dichloroacetic Acid		
16	Dimethylformamide		
17	Dioxane		
18	Ethyl Ether		
19	Formaldehyde 37%		
20	Formic Acid 90%		
21	Furfural		
22	Gasoline		
23	Hydrofluoric Acid 37%		
24	Hydrofluoric Acid 48%		
25	Hydrogen Peroxide 30%		
26	Iodine, Tincture of		

#	CHEMICAL	RATING	COMMENTS
27	Methyl Ethyl Ketone		
28	Methylene Chloride		
29	Monochlorobenzene		
30	Naphthalene		
31	Nitric Acid 20%		
32	Nitric Acid 30%		
33	Nitric Acid 70%		
34	Phenol 90%		
35	Phosphoric Acid 85%		
36	Silver Nitrate, Saturated		
37	Sodium Hydroxide 10%		
38	Sodium Hydroxide 20%		
39	Sodium Hydroxide 40%		
40	Sodium Hydroxide, Flake		
41	Sodium Sulfide, Saturated		
42	Sulfuric Acid 33%		
43	Sulfuric Acid 77%		
44	Sulfuric Acid 96%		
45	Sulfuric Acid 77%, and Nitric Acid 70%, equal parts		
46	Toluene		
47	Trichloroethylene		
48	Xylene		
49	Zinc Chloride, Saturated		

TEST PERFORMED BY:

DATE: