

# Universal Laboratory, Inc.

(972) 272-7337  
Fax (972) 272-7790

1726 Commerce St  
Garland, Texas 75040-6710

## CHEMICAL RESISTANCE TESTING

For: Kewaunee Scientific Corp.  
P.O. Box 1842  
Statesville, NC 28677

Test No. 30018  
File No.: 98-50.1.16 S14  
P.O. No. P528008

Date of Test	Sample Description	Material Type	Test Method
6/21/02	Epoxy Counter Top Material Sample Size: 12" x 12" x 1"	Epoxy	Pages 11601-13 through 11601-15

Rating Scale:

- (1)- No effect: No detectable change in surface material
- (2)- Excellent: Slight detectable change in color or gloss, but no change to the function or life of the work surface material.
- (3)- Good: Clearly discernible change in color or gloss, but no significant impairment of work surface function or life.
- (4)- Fair: Objectionable change in appearance due to surface discoloration or etch, possibly resulting in deterioration of function over an extended period.
- (5)- Failure: Pitting, cratering or erosion of work surface.

#	Chemical	Rating
<b>Inorganic Acids - Corrosive</b>		
1	Chromic Acid 40%	2
2	Hydrochloric Acid 10%	1
3	Hydrochloric Acid 37%	1
4	Nitric Acid 40%	1
5	Nitric Acid 70%	1
6	Sulfuric Acid 60%	1
7	Sulfuric Acid 96%	2
<b>Organic Acids - Corrosive</b>		
8	Acetic Acid 5%	1
9	Acetic Acid Glacial	1
10	Citric Acid 1%	1
11	Oleic Acid	1
12	Phenol Solution 5%	1
<b>Alkaline Solutions - Corrosive</b>		
13	Ammonium Hydroxide 10%	1
14	Sodium Carbonate Sol 20%	1
15	Sodium Hydroxide 60%	1
16	Sodium Hypochlorite Sol 4%	1
17	Potassium Hydroxide 15%	1
<b>Organic Solvents</b>		
18	Acetone	2

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#	Chemical	Rating
19	Benzene	2
20	Carbon Tetrachloride	1
21	Diethyl Ether	1
22	Dimethyl Formamide	1
23	Ethyl Acetate	1
24	Ethyl Alcohol 95%	1
25	Ethylene Dichloride	2
26	Heptane	1
27	Isooctane	1
28	Kerosene	1
29	Methyl Alcohol	1
30	Toluene	1
	<b>Organic Compounds</b>	
31	Aniline	1
32	Mineral Oil	1
33	Olive Oil	1
34	Soap Solution 1%	1
35	Transformer Oil	1
36	Turpentine	1

Test Performed by:   
Charles Stanley, Director  
Universal Laboratory, Inc.

Date: 6/24/02  
Test No: 30018  
P.O. # P528008