



H. C. NUTTING COMPANY

GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS
SINCE 1921

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CHEMICAL RESISTANCE STUDY CHEM TEC ONE CHEM TEC INT'L, INC.

Concrete Treated with Chem Tec One			Non-Treated Concrete		
	Chemical Reaction	Absorption		Chemical Reaction	Absorption
Hydrochloric Acid 28%	0	0	Hydrochloric Acid 28%	3	3
Acetone	0	0	Acetone	3	3
Pain Thinner	0	0	Paint Thinner	3	3
Trichloroethylene	1	0	Trichloroethylene	3	3
Potassium hydroxide	0	0	Potassium hydroxide	0	3
Sulfuric Acid 50%*	0	1	Sulfuric Acid 50%*	3	3
Citric Acid	0	0	Citric Acid	3	1
Nitric Acid 70%	0	0	Nitric Acid 70%	2	2
Benzene	0	0	Benzene	0	3
Xylene	1	0	Xylene	3	3
Phenol	0	0	Phenol	3	3
Anti-Freeze	0	0	Anti-Freeze	3	1
Kerosene	0	0	Kerosene	0	3

0 = No reaction, to slight

1 = Mild Reaction

2 = Mild to Severe Reaction

3 = Severe Reaction

* Discolored surface-turned white

Duration of test = 1 minute +/- 10 seconds for all chemicals applied

Concrete manufactured per ASTM C 672