



CHEMICAL RESISTANCE MAXON 525

Chemical immersion studies, in accordance with ASTM D543, were conducted using formulations cured 7 days at 77°F/25°C, 1" x 3" samples of 1/8" castings were prepared and fully immersed in the test reagents. Three samples of the formulation were placed in each reagent. Chemical resistance is reported as the average percentage weight change as a function of time for the 77°F/25°C immersion.

Reagent	MAXON 525	
	3 days	28 days
Deionized Water	0.68	1.73
Methanol	8.85	1.91
Ethanol	1.97	6.02
Toluene	0.00	0.72
Xylene	0.02	0.02
Butyl Cellosolve	0.30	1.08
Methyl Ethyl Ketone (MEK)	D@3	D@3
10% Lactic Acid	0.92	3.35
10% Acetic Acid	2.29	6.77
70% Sulfuric Acid	0.10	0.18
98% sulfuric Acid	1.17	-1.42
50% Sodium Hydroxide	0.01	-0.02
10% Sodium Hypochlorite	0.57	1.24
1,1,1, Trichloroethane	0.04	0.36

Note: MEK samples destroyed in 3 days – severe swelling and cracking.