(A) **Excellent** = Recommended
(B) **Good** = Recommended
(C) **Fair** (limited life)
(X) **Not Recommended**

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	FKM-F
Sulfuric Acid H_2SO_4	90	20	68	A	A	A	A	A	A	B	A
		40	104	B	A	A	A	A	A	B	A
		60	140	B	B	B	A	A	A	C	A
		80	176		C	B	A	A	B	X	B
		100	212				B	A	C		C
		120	248				X	B	X		X
Sulfuric Acid H_2SO_4	93	20	68	A	A	A	A	A	A	B	A
		40	104	B	B	A	A	A	A	B	A
		60	140	B	B	B	A	A	B	C	A
		80	176		C	B	A	A	B	X	B
		100	212			C	B	A	X		C
		120	248				X	B			X
Sulfuric Acid H_2SO_4	94	20	68	A	A	B	A	A	A	C	A
		40	104	B	B	B	A	A	B	X	A
		60	140	B	C	B	A	A	C		B
		80	176			C	B	A	C		C
		100	212				C	A			
		120	248				X	B			
Sulfuric Acid H_2SO_4	95	20	68	A	A	C	A	A	A	X	A
		40	104	B	B		A	A	C		B
		60	140	C	C		A	A	C		C
		80	176				B	A			
		100	212				C	A			
		120	248				X	B			
Sulfuric Acid H_2SO_4	* 96	20	68	A	B	X	A	A	B	X	A
		40	104	C	C		A	A	C		B
		60	140	C	X		A	A	X		C
		80	176				B	A			
		100	212				C	A			
		120	248				X	B			
Sulfuric Acid H_2SO_4	98	20	68	B	B	X	A	A	X	X	B
		40	104	C	C		A	A			C
		60	140	X	X		B	A			
		80	176				C	A			
		100	212				X	B			
		120	248					B			
Sulfuric Acid H_2SO_4	100	20	68	X	X	X	X	A	X	X	NITRILE
		40	104					A			
		60	140								
		80	176								
		100	212								
		120	248								
Sulfurous Acid H_2SO_3		20	68	A	A	A	A	A	A	A	C
		40	104	A	A	A	A	A	A	A	
		60	140	A	A	A	A	A	A	B	
		80	176		B	A	A	A	B	C	
		100	212				A	A	C		
		120	248					A			
Sulfuryl Chloride SO_2Cl_2	Pure	20	68	X	X		B	A	A	X	X
		40	104				C	A			
		60	140					A			
		80	176								
		100	212								
		120	248								
Tall Oil		20	68	A			A	A	A	B	A
		40	104	A			A	A	A		A
		60	140	B			A	A	A		A
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Tannic Acid (Tannin) $C_{76}H_{52}O_{46}$		20	68	A	A	A	A	A	A	B	A
		40	104	A	A	A	A	A			
		60	140	A	A	A	A	A			
		80	176			A	A	A			
		100	212				A	A			
		120	248				A	A			

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Tartaric Acid (Dioxysuccinic Acid) CH(OH) COOH | CH(OH) COOH		20	68	A		A	A	A	A	A	A
		40	104	A		A	A	A	A	A	A
		60	140	A		A	A	A	A	B	A
		80	176			B	A	A	A		B
		100	212				A	A			
		120	248				A	A			
Tertiary Butyl Alcohol $(CH_3)_3C(OH)$		20	68	A	A	A	A	A	A	B	X
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212					A			
		120	248					A			
Tetrachloro-ethane $Cl_2CHCHCl_2$	Pure	20	68	X		B	A	A	A	X	X
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212					A			
		120	248					A			
Tetraethyl Lead $Pb(C_2H_5)_4$	Pure	20	68	A		A	A	A	A	X	B
		40	104				A	A	A		
		60	140				A	A	A		
		80	176				A	A	B		
		100	212				A	A			
		120	248				A	A			
Tetrahydro-furan CH_2-CH_2 | CH_2-CH_2 >O	Pure	20	68	X	X	B	C	A	B	X	X
		40	104			C	X	A			
		60	140			X		A			
		80	176					B			
		100	212								
		120	248								
Tetralin (Tetrahydro-naphthalene) $C_{10}H_{12}$	Pure	20	68	X		X	A	A	A	X	X
		40	104				A	A			
		60	140				B	A			
		80	176				B				
		100	212								
		120	248								
Tetramethyl Ammonium Hydroxide $(CH_3)_4NOH$	50	20	68				A	A			
		40	104				A	A			
		60	140				B	A			
		80	176				B	A			
		100	212				C	A			
		120	248					A			
Titanic Sulfate $Ti(SO_4)_2$		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A			
		80	176		A	A	A	A			
		100	212				A	A			
		120	248				A	A			
Titanium Dioxide TiO_2		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	
		80	176			A	A	A	A	A	
		100	212				A	A	A		
		120	248				A	A			
Titanous Sulfate $Ti_2(SO_4)_3$		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A			
		80	176		A	A	A	A			
		100	212				A	A			
		120	248				A	A			
Titanium Tetrachloride $TiCl_4$		20	68	X		A		A	A	C	B
		40	104					A	A		
		60	140					A	A		
		80	176								
		100	212								
		120	248								

Sulfuric Acid at 90°C: up to 50% – PP rated **"A"**, EPDM rated **"B"**; 51-93% – PP rated **"C"**.
*66 Baumé Sulphuric Acid = 96% concentration.