

Chemicals: Toluene - Xylene

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

Chemical	Concentration (%)	Temp.		PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE	Chemical	Concentration (%)	Temp.		PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE		
		°C	°F											°C	°F										
Toluene (Toluol) C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub>		20	68	X	X	A	A	A	A	X	X	Urea CO(NH <sub>2</sub> ) <sub>2</sub>	50	20	68	A	A	A	A	A	A	A	A	A	A
		40	104			C	A	A							40	104	A	A	A	A	A	A	A	A	A
		60	140			X	B	A							60	140	A	A	A	A	A	A	A	A	A
		80	176				B	A							80	176		A	A	A	A				
		100	212				C	B							100	212				A	A				
		120	248					C							120	248				A	A				
Triacetin C <sub>3</sub> H <sub>5</sub> O <sub>3</sub> (COCH <sub>3</sub> ) <sub>3</sub>	Pure	20	68					A	B	A	B	Urine		20	68	A	A	A	A	A	A	A	A	A	
		40	104					A						40	104	A	A	A	A	A	A	A	A	A	
		60	140					A						60	140	A	A	A	A	A	A	A	A	A	
		80	176					A						80	176		A	A	A	A					
		100	212					A						100	212				A	A					
		120	248					A							120	248				A	A				
Tributyl Phosphate (C <sub>4</sub> H <sub>9</sub> O) <sub>3</sub> PO		20	68	X		A	A	A	X	B	X	Varsol		20	68			A	A	A	A	X	A		
		40	104			B	A	A						40	104										
		60	140			C	C	A						60	140										
		80	176				X	A						80	176										
		100	212											100	212										
		120	248												120	248									
Trichloro-acetic Acid Cl <sub>3</sub> C.COOH		20	68	C		A	A	A	X	X	X	Vaseline (Petrolatum)		20	68	A		A	A	A	A	A	X	A	
		40	104			A	B	A						40	104	A		A	A	A					
		60	140			B	C	A						60	140	A		A	A	A					
		80	176				X							80	176			C	A	A					
		100	212											100	212				A	A					
		120	248												120	248				A	A				
Trichloro-ethylene ClHC=CCl <sub>2</sub>		20	68	X	X	B	A	A	A	X	X	Vinegar		20	68	A	A	A	A	A	A	A	A	C	
		40	104			C	A	A	A					40	104	A	A	A	A	A	A	A	A		
		60	140			X	A	A	A					60	140	A	A	A	A	A	A	A	A		
		80	176				A	A	A					80	176		B	A	A	A					
		100	212				A	A	A					100	212				B	A					
		120	248					A							120	248				B	A				
Tricresyl Phosphate (CH <sub>3</sub> C <sub>6</sub> H <sub>4</sub> O) <sub>3</sub> PO	Pure	20	68	X	X	C	A	A	A	A	X	Vinyl Acetate CH <sub>3</sub> COOCH=CH <sub>2</sub>		20	68	X	X		A	A	X	B	X		
		40	104					A						40	104				A	A		X			
		60	140					A						60	140				A	A					
		80	176											80	176				A	A					
		100	212											100	212				A	A					
		120	248												120	248				A	A				
Triethanolamine (HOCH <sub>2</sub> CH <sub>2</sub> ) <sub>3</sub> N		20	68			A	A	A	B	A	A	Water - Deionized, Distilled or Potable		20	68	A	A	A	A	A	A	A	A	A	
		40	104					A						40	104	A	A	A	A	A	A	A	A		
		60	140					A						60	140	A	A	A	A	A	A	A	A		
		80	176					A						80	176		A	A	A	A	A	A	A		
		100	212											100	212				A	A					
		120	248												120	248				A	A				
Triethylamine (C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> N		20	68				B	A	A		X	Water - Sea		20	68	A	A	A	A	A	A	A	A	A	
		40	104				B	A						40	104	A	A	A	A	A	A	A	A	B	
		60	140				X	A						60	140	A	A	A	A	A	A	A	A	B	
		80	176					A						80	176		A	A	A	A	A	A	A		
		100	212											100	212				A	A					
		120	248												120	248				A	A				
Trimethyl-propane C <sub>6</sub> H <sub>14</sub>		20	68	A	A	A	A	A	A		A	Water - Waste (Domestic Sewage)		20	68	A	A	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A	A		A			40	104	A	A	A	A	A	A	A	A	A	
		60	140	A	A	A	A	A	A		A			60	140	A	A	A	A	A	A	A	A	A	
		80	176		A	A	A	A	A		A			80	176		A	A	A	A					
		100	212				A	A						100	212				A	A					
		120	248					A							120	248				A	A				
Turpentine		20	68	A	A	B	A	A	A	B	B	Wine (Red and White)		20	68	A	A	A	A	A	A	A	A	A	
		40	104	A		C	A	A	A					40	104	A	A	A	A	A	A	A	A	A	
		60	140	A		X	A	A	A					60	140	B	B	A	A	A		A			
		80	176				A	A	A					80	176				A	A		A			
		100	212				A	A						100	212				A	A					
		120	248					A							120	248				A	A				
Uranium Oxide UO <sub>2</sub>		20	68			A	A	A	A	A	A	Xylene C <sub>6</sub> H <sub>4</sub> (CH <sub>3</sub> ) <sub>2</sub>		20	68	X	X	X	A	A	B	X	C		
		40	104				A	A	A	A	A			40	104				A	A					
		60	140				A	A						60	140				A	A					
		80	176				A	A						80	176				A	A					
		100	212					A						100	212				A	A					
		120	248												120	248					A				