Chemicals: Mercuric Sulfate - Methylene Bromide

(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	NITRILE
Mercuric Sulfate $HgSO_4$	Satu	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	A
		80	176		A	A	A	A	A	A	A
		100	212				A	A	A		
		120	248				A	A			
Mercurous Nitrate $Hg_2(NO_3)_2$	Satu	20	68	A		A	A	A	A	A	A
		40	104	A			A	A			
		60	140	A			A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Mercury Hg		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	A
		80	176		A	A	A	A	A	A	A
		100	212				A	A			
		120	248				A	A			
Methane CH_4		20	68	A	A	A	A	A	A	A	A
		40	104	A	A	A	A	A	A	A	A
		60	140	B	B	B	A	A	A	A	A
		80	176				A	A	A	B	
		100	212				A	A	B		
		120	248				A	A			
Methane Sulfonic Acid CH_3SO_3H	50	20	68				A	A			
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212					A			
		120	248					A			
Methyl Acetate CH_3COOCH_3	Pure	20	68	X	X	B	A	A	X	B	X
		40	104				B	A		C	
		60	140				C	A			
		80	176				X	A			
		100	212					A			
		120	248								
Methyl Acrylate $CH_2CHCOOCH_3$	Pure	20	68				A	A	X	B	X
		40	104				B	A			
		60	140				C	A			
		80	176				X	A			
		100	212					A			
		120	248					A			
Methyl Alcohol CH_3OH	Pure	20	68	A	A	A	A	A	B	A	A
		40	104	B	B	A	A	A	B	A	B
		60	140	B	B	A	A	A	C	A	C
		80	176			B	A	A	C	B	
		100	212				A	A	C		
		120	248				A	A			
Methyl Amine CH_3NH_2		20	68	X	X	B	C	A	A	A	C
		40	104				X	A			
		60	140					A			
		80	176					A			
		100	212					A			
		120	248								
Methyl Bromide CH_3Br		20	68	C		X	A	A	A	B	X
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212					A			
		120	248					A			
Methyl Cellosolve $HOCH_2CH_2OCH_3$		20	68	A		A	A	A		B	
		40	104				A	A			
		60	140				A	A			
		80	176								
		100	212								
		120	248								

Chemical	Concentration (%)	Temp. °C	Temp. °F	PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE
Methyl Chloride CH_3Cl		20	68	X		C	A	A	C	B	X
		40	104				A	A			
		60	140				A	A			
		80	176				A	A			
		100	212				A	A			
		120	248				A	A			
Methyl Chloroform CH_3CCl_3		20	68	X		C	A	A	B	X	X
		40	104				B	A			
		60	140					A			
		80	176					A			
		100	212					A			
		120	248								
Methyl Ethyl Ketone (MEK) CH_3-CO-C_2H_5		20	68	X	X	A	X	A	X	B	X
		40	104			C		A		C	
		60	140			X		A			
		80	176					A			
		100	212					B			
		120	248								
Methyl Formate $HCOOCH_3$		20	68				A	A	X	B	X
		40	104				B	A			
		60	140				C	A			
		80	176				C	A			
		100	212								
		120	248								
Methyl Isobutyl Carbinol $(CH_3)_2CHCH_2CH$ -$(OH)CH_3$		20	68			A	A	A			
		40	104			A	A	A			
		60	140				B	A			
		80	176				B	A			
		100	212					A			
		120	248								
Methyl Isobutyl Ketone $(CH_3)_2CHCH_2$ -$COCH_3$		20	68	X	X	A	X	A	X	B	X
		40	104					A			
		60	140					A			
		80	176					A			
		100	212					A			
		120	248								
Methyl Isopropyl Ketone $(CH_3)_2CHCOCH_3$		20	68				X	A		X	X
		40	104					A			
		60	140					A			
		80	176					A			
		100	212								
		120	248								
Methyl Methacrylate $CH_2C(CH_3)$ -$COOCH_3$		20	68				A	A	X	X	X
		40	104				B	A			
		60	140				C	A			
		80	176				X	A			
		100	212								
		120	248								
Methyl Monochloro-acetate $ClCH_2COOCH_3$	Pure	20	68	C	X	A	A	A	C	A	X
		40	104			A	C	A			
		60	140			A		A			
		80	176					A			
		100	212								
		120	248								
Methyl Salicylate $C_6H_4(OH)COOCH_3$		20	68			A	A	A	A	X	X
		40	104								
		60	140								
		80	176								
		100	212								
		120	248								
Methylene Bromide CH_2Br_2		20	68				A	A	A	X	X
		40	104				A	A			
		60	140				A	A			
		80	176					A			
		100	212					A			
		120	248					A			

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