MARYLAND METRICS
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TECHNICAL INFORMATION and DATA

Corrosive Agent	Concentration	L	Temperature	C	C + F	A2	A4	div.
Sulphur dry	molten		130°C	0	0	0	0	
	simmering		445°C	3	3	2	2	
Sulphur wet	-		20°C	-	1	1	0	
Sulphuric acid	1 %		20°C	3	3	1	0	
$H_2 SO_4$			70°C	3	3	1	0	
			boiling	3	3	1	1	0+*
	2,5 %		20°C	3	3	1	0	
			70°C	3	3	1	0	
			boiling	3	3	2	2	0+*
	5 %		20°C	3	3	1	0	
			70°C	3	3	1	1	0+*
			boiling	3	3	3	2	1+
	7,5 %		20°C	3	3	1	0	
			70°C	3	3	1	1	0*
			boiling	3	3	2	2	1+
	10 %		20°C	3	3	2	1	0+
			70°C	3	3	2	2	1+0*
			boiling	3	3	3	2	1+
	20 %		20°C	3	3	1	1	0+
			70°C	3	3	2	2	1+0*
			boiling	3	3	3	3	1+
	40 %		20°C	3	3	1	1	0+
			70°C	3	3	2	2	1+0*
			boiling	3	3	3	3	2+
	60 %		20°C	3	3	3	2	0+
			70°C	3	3	3	3	1+0*
			boiling	3	3	3	3	
	80 %		20°C	3	3	1	1	0+*
			70°C	3	3	3	2	1+*
			boiling	3	3	3	3	
	98 %		20°C	-	0	0	0	0
	concentrated		70°C	2	2	2	2	1+*
			150°C	3	3	2	2	
			boiling	3	3	3	3	
Sulphurous acid	saturated		20°C	3	2	0	0	
$H_2 S O_3$	4at		135°C	3	2	1	0	
	5 - 8 at		160°C	3	3	2	1	0+
	10 - 20 at		180° -200°C	3	3	2	1	1+
Sulphurous Gas SO_2	-		up to100°C	3	2	0	0	
humid, free of SO_3			>100°C	3	3	1	0	
			>300°C	3	3	1	1	0+
			900°C	3	3	3	2	0+
Superphosphate	-		20°C	-	-	0	0	
$Ca (H_2 PO_4)_2 + Ca So_4 + 3 \% H_2 SO_4$								
Tannic acid	5 %		20°C	0	0	0	0	
= tannin			boiling	1	0	0	0	
	10 %		20°C	0	0	0	0	
			boiling	1	0	0	0	
	50 %		20°C	0	0	0	0	
			boiling	1	1	0	0	
Tartaric acid	10 %		20°C	1	0	0	0	
$COOH (CHOH)_2 COOH$			boiling	2	2	0	0	
	50 %		20°C	2	1	0	0	
			boiling	3	2	2	2	1+
Thioglycollic acid	-		20°C	-	-	-	1	0+
$HS CH_2 COOH$			boiling	-	-	-	1	0+
Tin Sn	molten		300°C	2	2	0	0	
			400°C	3	3	1	1	
			600°C	3	3	3	3	
Tin-IV-chloride	-	x	20°C	3	3	3	2	
$Sn Cl_4$			boiling	3	3	3	3	
Tin-II-chloride	hot saturated	x	50°C	3	2	1	0	
$Sn Cl_2, 2 H_2O$			boiling	3	3	3	3	
Toluene	-		20°C and	0	0	0	0	
$C_6 H_5 CH_3$			boiling					
Trichloroethylene $C_2 H Cl_3$	-		boiling	0	0	0	0	
Trichloroacetic acid $C Cl_3$ - COOH	water free	x	20°C	-	-	3	3	
Turpentine, oil of	-		20°C	0	0	0	0	
			and hot					
Urea $CO (NH_2)_2$	-		20°C	0	0	0	0	
Urine	-	x	20°C	-	-	0	0	
			boiling	-	-	0	0	
Varnish = copal varnish	-		-	0	0	0	0	
Vaseline	-		20°C	0	0	0	0	
			hot	0	0	0	0	
Vegetables	-		boiling	-	-	0	0	0

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