

Acids										
Acetic acid	CH ₃ COOH	Conc.	2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A1	B1	C0	D0	E0	F0	G0
			24 h	A1	B0	C0	D1	E5	F1*	G0
Chromic acid	CrO ₃	40%	2min	A5	B0	C0	D0	E0	F0	G0
			1 h	A6	B0	C0	D0	E0	F0	G0
			24 h	A6	B0	C0	D0	E0	F0	G0
Citric acid	C ₆ H ₈ O ₇	50%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Hydrochloric acid	HCl	Conc.	2min	A0	B1	C0	D0	E0	F0	G0
			1 h	A1	B2	C0	D0	E0	F0	G0
			24 h	A1	B2	C0	D0	E0	F0	G0
Hydrofluoric acid	HF	40%	2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Phosphoric acid	H ₃ PO ₄	Conc.	2min	A0	B1	C0	D0	E0	F0	G0
			1 h	A0	B1	C0	D0	E0	F0	G0
			24 h	A1	B2	C0	D0	E0	F0	G0
Phosphoric acid	H ₃ PO ₄	38%	24 h	A0	B0	C0	D0	E0	F0	G0
Lactic acid	C ₃ H ₆ O ₃	Conc.	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Nitric acid	HNO ₃	Conc.	2min	A0	B2	C0	D0	E0	F0	G0
			1 h	A1	B2	C0	D0	E0	F0	G0
			24 h	A2	B2	C0	D1	E0	F1	G0
Nitric acid	HNO ₃	30%	2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B1	C0	D1	E0	F0	G0
Oxalic acid	C ₂ H ₂ O ₄	10%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Sulphuric acid	H ₂ SO ₄	Conc.	2min	A2	B2	C0	D0	E0	F0	G0
			1 h	A6	B2	C0	D0	E0	F0	G0
			24 h	A6	B2	C1	D0	E0	F5	G0
Sulphuric acid	H ₂ SO ₄	30%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Organic solvents										
Acetone	C ₃ H ₆ O		2min	A0	B0	C0	D1	E0	F0	G0
			1 h	A0	B1	C0	D1	E5	F1*	G0
			24 h	A0	B1	C0	D0	E5	F0	G0
Acetonitrile	CH ₃ CN		2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B0	C0	D0	E5	F0	G0
			24 h	A0	B0	C0	D0	E5	F0	G0
Carbon tetrachloride	CCl ₄		2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B0	C0	D1	E0	F0	G0
			24 h	A0	B0	C0	D1	E0	F5	G0
Chloroform	CHCl ₃		2min	A0	B2	C0	D0	E0	F0	G0
			1 h	A0	B2	C0	D3	E5	F1*	G0
			24 h	A0	B2	C0	D3	E0	F0	G0
Cyclohexane	C ₆ H ₁₂		2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Dichloroethylene	C ₂ H ₂ Cl ₂		2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B0	C0	D0	E5	F1*	G0
			24 h	A0	B0	C0	D0	E5	F0	G0
Methylene Chloride	CH ₂ Cl ₂		2min	A0	B2	C0	D1	E0	F0	G0
			1 h	A0	B2	C0	D3	E5	F0	G0
			24 h	A0	B2	C0	D3	E5	F0	G0
Ethanol	C ₂ H ₅ OH		1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Ethyl acetate	C ₄ H ₈ O ₂		2min	A0	B0	C0	D1	E0	F0	G0
			1 h	A0	B0	C0	D1	E5	F1*	G0
			24 h	A0	B1	C0	D1	E5	F0	G0
Ethylene glycol	C ₂ H ₆ O ₂		24 h	A0	B0	C0	D0	E0	F0	G0

Organic solvents,cont.											
Diethyl ether	(C ₂ H ₅) ₂ O	2 min	A0	B0	C0	D0	E0	F0	G0		
		1 h	A0	B0	C0	D1	E0	F0	G0		
		24 h	A0	B0	C0	D0	E5	F0	G0		
n-Hexane	C ₆ H ₁₄	1 h	A0	B0	C0	D0	E0	F0	G0		
		24 h	A0	B0	C0	D0	E0	F0	G0		
Formaldehyde	CH ₂ O	24 h	A0	B0	C0	D0	E0	F0	G0		
Methanol	CH ₃ OH	1 h	A0	B0	C0	D0	E0	F0	G0		
		24 h	A0	B0	C0	D0	E0	F0	G0		
Petrol		1 h	A0	B0	C0	D0	E0	F0	G0		
		24 h	A0	B0	C0	D0	E0	F0	G0		
Tetrachloroethylene	C ₂ Cl ₄	2min	A0	B0	C0	D0	E0	F0	G0		
		1 h	A0	B0	C0	D1	E0	F0	G0		
		24 h	A0	B0	C0	D1	E0	F6	G0		
Toluene	C ₇ H ₈	2min	A0	B0	C0	D0	E0	F0	G0		
		1 h	A0	B0	C0	D1	E5	F1*	G0		
		24 h	A0	B0	C0	D1	E5	F1*	G0		
Trichlorethylene	C ₂ HCl ₃	2min	A0	B0	C0	D1	E0	F0	G0		
		1 h	A0	B0	C0	D0	E5	F1*	G0		
		24 h	A0	B0	C0	D1	E5	F0	G0		
White spirit		2min	A0	B0	C0	D0	E0	F0	G0		
		1 h	A0	B0	C0	D0	E0	F0	G0		
		24 h	A0	B0	C0	D0	E0	F0	G0		
Alkali (Bases)											
Ammonia solution	NH ₃	25%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Calcium hydroxide	Ca(OH) ₂	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B1	C0	D0	E0	F0	G0	
Sodium hydroxide	NaOH	50%	1 h	A0	B2	C1	D0	E0	F0	G0	
			24 h	A6	B0	C0	D0	E0	F0	G0	
Sodium hydroxide	NaOH	10%	1 h	A0	B1	C0	D0	E0	F0	G0	H
			24 h	A0	B2	C0	D0	E0	F0	G0	H
Salt solutions											
Ammonium carbonate	(NH ₄) ₂ CO ₃	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Ammonium iron (III) sulphate	NH ₄ Fe(SO ₄) ₂	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Cobaltous chloride	CoCl ₂	10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Copper (II) sulphate	CuSO ₄	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Ferrous (II) chloride	FeCl ₂	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Ferric (III) chloride	FeCl ₃	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Potassium iodide	KI	10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Potassium oxalate	K ₂ C ₂ O ₄	10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Potassium permanagnate	KMnO ₄	5% in H ₂ O	2 min	A6	B0	C0	D0	E0	F0	G0	
			1 h	A6	B0	C0	D0	E0	F0	G0	
Silver nitrate	AgNO ₃	2%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Sodium carbonate	Na ₂ CO ₃	20%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Sodium thiosulphate	Na ₂ S ₂ O ₃	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Sodium sulphite	Na ₂ SO ₃	10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Medical chemicals											
Aniline blue		2,5% in ethanol	1 h	A6	B0	C0	D0	E0	F0	G0	
			24 h	A6	B0	C0	D0	E0	F0	G0	
Betadine skin cleanser		75mg/ml	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A5	B0	C0	D0	E0	F0	G0	
Bromcresol green		0,04%	24 h	A0	B0	C0	D0	E0	F0	G0	
Eosin		1% in ethanol	1 h	A6	B0	C0	D0	E0	F0	G0	
			24 h	A6	B0	C0	D0	E0	F0	G0	

Medical Chemicals, cont.										
Glutaraldehyde		25%	1 h 24 h	A0 A0	B0 B0	C0 C0	D0 D0	E0 E0	F0 F0	G0 G0
Hematoxylin		5%	1 h 24 h	A0 A0	B0 B0	C0 C0	D0 D0	E0 E0	F0 F0	G0 G0
Hibitane		0,5%	1 h 24 h	A0 A5	B0 B0	C0 C0	D0 D0	E0 E0	F0 F0	G0 G0
Iodine	I ₂	2 % in ethanol	2min 1 h	A6 A6	B0 B0	C0 C0	D0 D0	E0 E0	F0 F0	G0 G0
Iodoform		1% in ethanol	1 h 24 h	A6 A6	B0 B0	C0 C0	D0 D0	E0 E0	F0 F0	G0 G0
Methylrosanilinium		0,1%	1 h 24 h	A0 A5	B0 B0	C0 C0	D0 D0	E0 E0	F0 F0	G0 G0
Disinfectants/cleaning compounds										
Product	Manuf./Rep.									
Buraton 10F	Schülke &	1%	24 h	A0	B0	C0	D0	E0	F0	G0
”-	Mayr	10%	24 h	A0	B0	C0	D0	E0	F0	G0
Citrosteril	Fresenius	Conc.	24 h	A0	B0	C0	D0	E0	F0	G0
Debisan	Nordex	1 %	24 h	A0	B0	C0	D0	E0	F0	G0
”-		10%	24 h	A0	B0	C0	D0	E0	F0	G0
Dialox	Gambro	Conc.	24 h	A0	B0	C0	D0	E0	F0	G0
Gevisol	Schülke &	0,5%	24 h	A0	B0	C0	D0	E0	F0	G0
”-	Mayr	5%	24 h	A5	B1	C0	D0	E0	F0	G0
Incidur	Henkel	0,5%	24 h	A0	B0	C0	D0	E0	F0	G0
”-		3%	24 h	A0	B0	C0	D0	E0	F0	G0
Lycetol AF	Schülke &	1%	24 h	A0	B0	C0	D0	E0	F0	G0
”-	Mayr	5%	24 h	A0	B0	C0	D0	E0	F0	G0
Melsept	B Braun	1%	24 h	A0	B0	C0	D0	E0	F0	G0
”-		5%	24 h	A0	B0	C0	D0	E0	F0	G0
Perform	Schülke &	0,75%	24 h	A0	B0	C0	D0	E0	F0	G0
”-	Mayr	2,5%	24 h	A0	B0	C0	D0	E0	F0	G0
Sekumatic	Henkel	0,5%	24 h	A0	B0	C0	D0	E0	F0	G0
”-		5%	24 h	A0	B1	C0	D0	E0	F0	G0
Sekusept Plus	Henkel	1%	24 h	A0	B0	C0	D0	E0	F0	G0
”-		5%	24 h	A0	B0	C0	D0	E0	F0	G0
Spitacid	Henkel	Conc.	1 h 24 h	A0 A0	B0 B0	C0 C0	D0 D0	E0 E0	F0 F0	G0 G0
Terralin N	Schülke &	1%	24 h	A0	B0	C0	D0	E0	F0	G0
”-	Mayr	10%	1 h	A0	B1	C0	D0	E0	F0	G0
”-		10%	24 h	A0	B1	C0	D0	E0	F0	G0
Tiutol KF	B. Braun	3%	24 h	A0	B0	C0	D0	E0	F0	G0
”-		10%	24 h	A0	B1	C0	D0	E0	F0	G0
Virkon S	Sterisol AB	1%	24 h	A0	B0	C0	D0	E0	F0	G0
”-		2,5%	24 h	A0	B0	C0	D0	E0	F0	G0
Incidin Plus	Ecolab	1%	24 h	A0	B0	C0	D0	E0	F0	G0
		5%	24 h	A0	B0	C0	D0	E0	F0	G0
Incidin Extra N	Ecolab	1%	24 h	A0	B0	C0	D0	E0	F0	G0
		5%	24 h	A0	B0	C0	D0	E0	F0	G0
Mikrobac forte	BODE	1%	24 h	A0	B0	C0	D0	E0	F0	G0
	Chemi	5%	24 h	A0	B0	C0	D0	E0	F0	G0
Hexaquart plus	B. Braun	1%	24 h	A0	B0	C0	D0	E0	F0	G0
		2,5%	24 h	A0	B0	C0	D0	E0	F0	G0

Miscellaneous chemicals										
EDTA	C ₁₀ H ₁₆ N ₂ O ₈	10%	24 h	A0	B0	C0	D0	E0	F0	G0
Glycerol			24 h	A0	B0	C0	D0	E0	F0	G0
Hydrogen peroxide	H ₂ O ₂	30%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Olive oil			24 h	A0	B0	C0	D0	E0	F0	G0
Phenol	C ₆ H ₆ O	5%	2 min	A0	B1	C0	D0	E0	F0	G0
			1 h	A0	B1	C0	D0	E0	F0	G0
			24 h	A0	B1	C0	D0	E0	F0	G0
Sodium hypochlorite	NaOCl	12%	1 h	A0	B1	C0	D0	E0	F0	G0
			24 h	A0	B1	C0	D0	E0	F0	G0
Brake fluid	APE	Cons	1 h	A0	B0	C0	D0	E0	F0	G0
Super DOT 4	Components AB		24 h	A0	B0	C0	D1	E0	F0	G0
Hydraulic fluid	Mobil	Cons	1 h	A0	B0	C0	D0	E0	F0	G0
DET 26			24 h	A0	B0	C0	D0	E0	F0	G0

*The swelling disappears after 1-2 days.

H* Slight damage to polyurethane surface.

H Total damage to polyurethane surface.