Chemical Resistance of Miraphen UV-Lacquers

DIN 68861 Part 1	Stress Groups				Miraphen UV-Lacquers	
	1 A		1 B			
Tested Articles	Duration	Result	Duration	Result	Duration	Result
01. Acetic Acid	16 h	0	60 min	0	16 h	0
02. Lemon Acid	16 h	0	60 min	0	16 h	0
03. Sodium Carbonate	16 h	0	2 min	0	16 h	0
04. Ammonia Water	16 h	0	2 min	0	16 h	0
05. Ethyl-alcohol	16 h	0	60 min	0	16 h	0
06. White, red and land wine	16 h	0	5 h	0	16 h	0
07. Beer	16 h	0	5 h	0	16 h	0
08. Cola Drinks	16 h	0	16 h	0	16 h	0
09. Instant coffee	16 h	0	16 h	0	16 h	0
10. Black tee	16 h	0	16 h	0	16 h	0
11. Black Current juice	16 h	0	16 h	0	16 h	0
12. Canned milk	16 h	0	16 h	0	16 h	0
13. Water	16 h	0	16 h	0	16 h	0
14. Gasoline	16 h	0	2 min	0	16 h	0
15. Acetone	16 h	0	10 s	3	16 h	0
16. Ethylene butylacrylate	16 h	0	10 s	3	16 h	0
17. Butter	16 h	0	16 h	0	16 h	0
18. Olive Oil	16 h	0	16 h	0	16 h	0
19. Mustard	16 h	0	5 h	0	16 h	0
20. Cooking salt	16 h	0	5 h	0	16 h	0
21. Onions	16 h	0	5 h	0	16 h	0
22. Lipstick	16 h	0	16 h	3	16 h	0
23. Disinfectant	16 h	0	10 min	0	16 h	0
24. Black pen ink	16 h	0	16 h	3	16 h	3
25. Ink	16 h	0	16 h	3	16 h	3
26. Cleaning products	16 h	0	60 min	0	16 h	0
27. Cleaning solvents	16 h	0	60 min	0	16 h	0

0 = no visible changes
1 = hardly recognizable changes in gloss or colour
2 = light changes in gloss or colour; the structure of the test areas in unchanged
3 = heavy markings visible; the structure of the tested area is almost unchanged
4 = heavy markings visible; the structure of the tested area is changed
5 = tested area is changed, i.e.destroyed