

**Sikafloor 381**

Release 1 - 21.02.2005

**\* Chemical Resistance \***

No.	Test Media & Test Temperature	Duration Of Impact: Method:	1 day		3 days		7 days		42 days	
			Immersion Test	Spillage Test	Immersion Test	Spillage Test	Immersion Test	Spillage Test	Immersion Test	Spillage Test
001	BMW-flash rust remover	RT	A/D	A/D	A/D	A/D	A/D		A/D	
002	citric acid - 50%	60°C	A/D		A/D		A/D		A/D	
003	Ferrous(III)chloride (aqueous solution) - 35%	60°C	A/D		A/D		A/D		A/D	
004	Micro-Chem Plus	RT	A	A	A	A	A		A/D	
005	Peressigsäure - 2%	RT	A/D	A/D	A/D	A/D	A/D			
006	Perform sterile Conc OXY - 1%	RT	A/D	A	A/D	A	A/D	A		
007	Zinc chloride (aqueous solution) - 50%	RT	A/D	A	A/D	A	A		A	
008	Acetic Acid - 60%	RT	C	B/D	C	B/D	C		C	
009	Acetone	RT	A/D	A	A/D	A	C		C	
010	Ammonia solution (20%) - 25%	RT	A/D	A	A/D	A	A/D		A/D	
011	Chromic acid (aqueous solution) - 50%	RT	A/D	A/D	C		C		C	
012	DIBT-Test Media 01	RT	A/D	A	A/D	A	A/D		A/D	
013	DIBT-Test Media 02.1	RT	A	A	A	A	A/D		A/D	
014	DIBT-Test Media 03	RT	A	A	A	A	A		A	
015	DIBT-Test Media 04	RT	A	A	A	A	A/D		A/D	
016	DIBT-Test Media 04b	RT	A	A	A	A	A		A	
017	DIBT-Test Media 05	RT	A/D	A	A/D	A	B/D		B/D	
018	DIBT-Test Media 05b	RT	A/D	A	A/D	A	A/D		B/D	
019	DIBT-Test Media 06	RT	A/D	A	A/D	A	B/D		C	
020	DIBT-Test Media 06b	RT	A/D	A	A/D	A	A/D		C	
021	DIBT-Test Media 07	RT	A/D	A	A/D	A	A/D		B/D	
022	DIBT-Test Media 07a	RT	A	A	A/D	A	A/D		A/D	
023	DIBT-Test Media 07b	RT	A/D	A	A/D	A	A/D		A/D	
024	DIBT-Test Media 08	RT	A/D	A/D	A/D	A/D	A/D		A/D	
025	DIBT-Test Media 08a	RT	A/D	A	A/D	A	C		C	
026	DIBT-Test Media 09	RT	A/D	A/D	C	A/D	C		C	
027	DIBT-Test Media 09a	RT	A/D	A/D	B/D	A/D	C		C	
028	DIBT-Test Media 10	RT	A/D	A/D	A/D	A/D	A/D		A/D	
029	DIBT-Test Media 11	RT	A	A	A	A	A/D		A/D	
030	DIBT-Test Media 12	RT	A/D	A	A/D	A/D	A/D		A/D	
031	DIBT-Test Media 13	RT	A/D	A	A/D	A	A/D		B/D	
032	DIBT-Test Media 14.1	RT	A	A	A	A	A/D		B/D	
033	DIBT-Test Media 14.2	RT	A/D	A	A/D	A	A/D		B/D	
034	DIBT-Test Media 15	RT	B/D	A/D	C	A/D	C		C	
035	DIBT-Test Media 15a	RT	A/D	A	A/D	A	A/D		C	
036	Dimethylformamid	RT	B/D	A/D	B/D	A/D	C		C	
037	Ethanol, technical 70% - 98%	RT	A/D	A	A/D	A/D	B/D		A/D	
038	Hydrochloric Acid - 37%	RT	A/D	A/D	A/D	A/D	B/D		B/D	
039	Lactic Acid - 30%	RT	A/D	A/D	A/D	A/D	A/D		B/D	
040	Lactic Acid - 80%	RT	B/D	A/D	B/D	A/D	B/D		C	
041	Methyl methacrylate	RT	A	A	A/D	A	A/D		C	
042	Methylethylketone (MEK)	RT	A/D	A	A/D	A	A/D		B/D	
043	Nitric Acid - 30%	RT	A/D	C	C	C	C		C	
044	Nitric Acid - 40%	RT	C	C	C	C	C		C	
045	N-Methylpyrrolidone	RT	A/D	A/D	A/D	A/D	B/D		B/D	
046	Perform advanced Alcohol EP	RT	A/D	A	B/D	A	B/D	A		
047	Perform classic Cleaner S - 0,5%	RT	A/D	A	A/D	A	A			
048	Perform classic Cleaner S	RT						A/D		
049	Perform classic Concentrate GA - 3%	RT	A/D	A	A/D	A	A/D			
050	Perform classic Concentrate GA	RT						A		



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		Method:
001	BMW-flash rust remover	RT
002	citric acid - 50%	60°C
003	Ferrous(III)chloride (aqueous solution) - 35%	60°C
004	Micro-Chem Plus	RT
005	Peressigsäure - 2%	RT
006	Perform sterile Conc OXY - 1%	RT
007	Zinc chloride (aqueous solution) - 50%	RT
008	Acetic Acid - 60%	RT
009	Acetone	RT
010	Ammonia solution (20%) - 25%	RT
011	Chromic acid (aqueous solution) - 50%	RT
012	DIBT-Test Media 01	RT
013	DIBT-Test Media 02.1	RT
014	DIBT-Test Media 03	RT
015	DIBT-Test Media 04	RT
016	DIBT-Test Media 04b	RT
017	DIBT-Test Media 05	RT
018	DIBT-Test Media 05b	RT
019	DIBT-Test Media 06	RT
020	DIBT-Test Media 06b	RT
021	DIBT-Test Media 07	RT
022	DIBT-Test Media 07a	RT
023	DIBT-Test Media 07b	RT
024	DIBT-Test Media 08	RT
025	DIBT-Test Media 08a	RT
026	DIBT-Test Media 09	RT
027	DIBT-Test Media 09a	RT
028	DIBT-Test Media 10	RT
029	DIBT-Test Media 11	RT
030	DIBT-Test Media 12	RT
031	DIBT-Test Media 13	RT
032	DIBT-Test Media 14.1	RT
033	DIBT-Test Media 14.2	RT
034	DIBT-Test Media 15	RT
035	DIBT-Test Media 15a	RT
036	Dimethylformamid	RT
037	Ethanol, technical 70% - 98%	RT
038	Hydrochloric Acid - 37%	RT
039	Lactic Acid - 30%	RT
040	Lactic Acid - 80%	RT
041	Methyl methacrylate	RT
042	Methylethylketone (MEK)	RT
043	Nitric Acid - 30%	RT
044	Nitric Acid - 40%	RT
045	N-Methylpyrrolidone	RT
046	Perform advanced Alcohol EP	RT
047	Perform classic Cleaner S - 0,5%	RT
048	Perform classic Cleaner S	RT
049	Perform classic Concentrate GA - 3%	RT
050	Perform classic Concentrate GA	RT

No.	Test Media & Test Temperature	Duration Of Impact: Method:	1 day		3 days		7 days		42 days	
			Immersion Test	Spillage Test	Immersion Test	Spillage Test	Immersion Test	Spillage Test	Immersion Test	Spillage Test
051	Perform classic Concentrate Q-Plus - 0,5%	RT	A	A	A	A	A			
052	Perform classic Concentrate Q-Plus	RT						A		
053	Perform sterile Cleaner ND	RT	A	A	A	A	A	A		
054	Perform sterile Con QB - 0,5%	RT	A	A	A	A	A			
055	Perform sterile Con QB	RT						A		
056	Perform sterile Conc PAA - 1%	RT	A/D	A/D	A/D	A/D	A/D			
057	Perform sterile Conc PAA	RT						C		
058	Phosphoric Acid - 40%	60°C	C		C		C		C	
059	Phosphoric Acid - 85%	RT	B/D	B/D	B/D	B/D	B/D		B/D	
060	Skydrol 500 P	60°C	A/D		A/D		A/D		A/D	
061	Sodium Hydroxide - 50%	RT	A	A	A	A	A		A	
062	Sodium Hypochlorite Solution - 4,4%	RT	A/D	A/D	A/D	A/D	B/D		B/D	
063	Sodium Hypochlorite Solution - 6,6%	60°C	C		C		C		C	
064	Sulfuric Acid - 60%	RT	A/D	A/D	A/D	A/D	A/D		A/D	
065	Sulfuric Acid - 80%	RT	A/D	A/D	A/D	A/D	A/D		A/D	
066	Sulfuric Acid - 96%	RT	A/D	A/D	A/D	A/D	C		C	
067	Pure water	60°C	A/D		A/D		A/D		A/D	
068	Hydrogen peroxide - 30%	RT	A/D	C	A/D	C	C		C	
069	treacle, saturated	RT	A	A	A	A		A/D		A/D

\* re-conditioning

#### Resistance Classes

- A resistant - slight loss of hardness (0-20% Shore D), no blisters, no delamination, no or slight swelling
- B limited resistance - moderate loss of hardness (20-40% Shore D), no blisters, no delamination, noticeable swelling
- C unstable - strong loss of hardness (>40% Shore D) or blisters or delamination or partial / total destruction of layer
- D discoloration or loss of gloss / bleaching

No.	Test Media & Test Temperature	Duration Of Impact:
		Method:
051	Perform classic Concentrate Q-Plus - 0,5%	RT
052	Perform classic Concentrate Q-Plus	RT
053	Perform sterile Cleaner ND	RT
054	Perform sterile Con QB - 0,5%	RT
055	Perform sterile Con QB	RT
056	Perform sterile Conc PAA - 1%	RT
057	Perform sterile Conc PAA	RT
058	Phosphoric Acid - 40%	60°C
059	Phosphoric Acid - 85%	RT
060	Skydrol 500 P	60°C
061	Sodium Hydroxide - 50%	RT
062	Sodium Hypochlorite Solution - 4,4%	RT
063	Sodium Hypochlorite Solution - 6,6%	60°C
064	Sulfuric Acid - 60%	RT
065	Sulfuric Acid - 80%	RT
066	Sulfuric Acid - 96%	RT
067	Pure water	60°C
068	Hydrogen peroxide - 30%	RT
069	treacle, saturated	RT

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- C unstable - strong loss of hardness (>40% Shore D) or blisters or de
- D discoloration or loss of gloss / bleaching