

Sikafloor Chemical Resistance Data



This Data Is Based On The Application Of Listed Materials To The Top Surface Of The Flooring

Chemical Name	Conc.	Sikafloor 304 W			Sikafloor 305 W			Sikafloor 315 N			Sikafloor 316 N			Sikafloor 511			Sikafloor 515			Sikafloor 2540 W					
		1	3	7	1	3	7	1	3	7	1	3	7	1	3	7	1	3	7	1	3	7			
Acetic Acid	10%	A	A	A	A	A	A	B	B	B	A	A	A	A	A	A	B	B	B	B	B	B	A	D	D
Acetic Acid	40%	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	D	D
Acetone		A	A	A	A	A	A	B	B	B	A	A	A	B	B	B	B	B	B	B	B	B	A	A	A
Aluminum Chloride	20%	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Aluminum Hydroxide	20%	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Aluminum Sulfate	20%	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Ammonium Hydroxide	30%	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Ammonium Nitrate (20%)	20%	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Antifreeze		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Apple, Fresh Fruit		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Benzyl Alcohol		A	C	C	A	C	C	B	B	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Betadine		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Blueberry, Fresh Fruit		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Brine		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Butter		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Chloride	20%	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Nitrate	20%	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Calcium Sulfate	20%	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Castor-Oil		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Hydrochloric Acid	20%	A	A	D	A	A	A	A	B	B	A	B	B	A	B	B	A	B	B	A	B	B	D	D	D
Hydrochloric Acid	31.45%	A	A	D	A	A	A	A	B	B	A	B	B	B	B	B	B	B	B	B	B	B	D	D	D
Coffee		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	A	A	A	A	D	D	D	D	D
Dibutyl Phthalate		A	A	A	A	A	A	A	A	B	A	A	A	C	C	C	B	B	B	A	A	A	A	A	A
Detergent, Heavy Duty		A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	D	D	D	D
Ethanol	50%	A	A	A	A	A	A	A	B	B	A	A	A	A	A	A	A	A	A	A	A	A	D	D	D
Ethanol	98%	A	A	A	A	A	A	B	B	B	A	A	A	B	B	B	B	B	B	B	B	A	D	D	D
Ethylene Glycol		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Diesel		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Gasoline		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	D
Gasoline Kerosene		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Glycerine		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Grape, Fresh Fruit		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	A	A	A	A	A	A
Heating Oil (seed diesel)		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hydraulic Oil		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Hydrogen Peroxide 3%	3%	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	A	B	B	A	A	A	A	A	A
Hypochlorite	6%	A	A	A	A	D	D	A	A	B	A	A	B	A	A	B	A	A	B	D	D	D	D	D	D

Key: A = Resistant. B = Limited Resistance (Swelling, loss of hardness... etc.). Once the chemical is cleaned the coating will regain its properties. C = Not Resistant. D = Discoloration or loss of gloss. * - Not applicable. Test Method: DIN 53 168 for coatings and similar finishes tested at 20°C

Chemical Name	Conc.	Sikafloor 304 W			Sikafloor 305 W			Sikafloor 315 N			Sikafloor 316 N			Sikafloor 511			Sikafloor 515			Sikafloor 2540 W		
		1	3	7	1	3	7	1	3	7	1	3	7	1	3	7	1	3	7	1	3	7
Isophoron diamin		D	D	D	D	D	D	B	B	B	B	B	B	D	D	D	D	D	D	D	D	D
Isopropanol		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	D	D	D
Ketchup		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Lactic Acid	20%	A	C	C	D	D	D	B	B	C	B	B	B	A	C	C	B	C	C	C	C	C
Linseed Oil		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Margarine		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Milk		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Milk (chocolate)		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Mineral Oil (synthetic)		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Mollasses		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Mustard		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Phosphoric Acid	20%	A	D	D	D	D	D	A	B	B	A	B	B	B	B	B	A	B	B	C	C	C
Phosphoric Acid	75%	D	D	D	D	D	D	B	B	B	B	B	B	C	C	C	B	B	B	C	C	C
Raspberry, Fresh Fruit		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B
Skydrol		D	D	D	D	D	D	C	C	C	B	B	B	C	C	C	C	C	C	D	D	D
Dish Soap Solution		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	D	D	D
Sodium Chloride	20%	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Hydroxide	20%	A	A	A	A	A	A	A	A	A	A	A	B	A	B	B	B	B	B	A	A	D
Sodium Hypochlorite	12% - 14%	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium Sulfate	16%	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sulphuric Acid	20%	D	D	D	A	A	A	B	B	B	B	B	B	D	D	D	B	B	B	C	C	C
Tea		D	D	D	D	D	D	A	A	A	A	A	A	D	D	D	A	A	A	D	D	D
Tomato Sauce		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Vegetable Oil		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Vinegar	5%	A	A	A	A	A	A	A	A	B	A	A	B	A	A	A	A	A	A	A	A	A
Water (distilled cold)		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Water Hot		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Wine (Red)		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	A	A	A	D	D	D
Xylene		A	A	A	A	A	A	B	B	B	A	A	A	B	B	B	B	B	B	A	A	A

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