

Sikafloor Chemical Resistance Data



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

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

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	Concentration	Sikafloor-511		
		1 Day	3 Days	7 Days
Isophoron diamin		D	D	D
Isopropanol		A	A	A
Ketchup		A	A	A
Lactic Acid	20%	A	C	C
Linseed Oil		A	A	A
Margarine		A	A	A
Milk		A	A	A
Milk (chocolate)		A	A	A
Mineral Oil (synthetic)		A	A	A
Mollasses		A	A	A
Mustard		D	D	D
Phosphoric Acid	20%	B	B	B
Phosphoric Acid	75%	C	C	C
Raspberry, Fresh Fruit		A	A	A
Skydrol		C	C	C
Dish Soap Solution		A	A	A
Sodium Chloride	20%	A	A	A
Sodium Hydroxide	20%	A	B	B
Sodium Hypochlorite	12 - 14%	A	A	A
Sodium Sulfate	16%	A	A	A
Sulphuric Acid	20%	D	D	D
Tea		D	D	D
Tomato Sauce		A	A	A
Urine		A	A	A
Vegetable Oil		A	A	A
Vinegar	5%	A	A	A
Water (distilled cold)		A	A	A
Water Hot		A	A	A
Wine (Red)		D	D	D
Xylene		B	B	B

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SIKA CORPORATION—FLOORING

201 Polito Avenue
 Lyndhurst, NJ 07041
 Tel (844) 529-7101
 www.SikaFloorUSA.com



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