

# Chemical Resistance Chart

Acrylithane HS4 (645J1 & 645J2)  
Acrylic Polyurethane

Rating Key: 0 = No Effect; 1 = Stains/Dulls Film; 2 = Blisters Film; 3 = Lifts Film

Ratings are based on 7-day spot test. Staining is possible with mustard and urine on white and clear systems.

Chemical	Rating	Chemical	Rating
Acetic Acid (10%)	0	Lactic Acid (50%)	1
Acetic Acid (20%)	3	Lactic Acid (85%)	1
Acetic Acid (36%)	3	Methylisobutyl Ketone	0
Acetic Acid (98%)	3	Methylpyrrolidione	3
Ammonia (28%)	0	Mineral Spirits	0
ATF	0	Motor Oil	0
Bleach	0	Mustard	0
Brake Fluid	0	Nitric Acid (10%)	3
Butoxyethanol	1	Nitric Acid (30%)	3
Butoxyethylacetate	0	Oleic Acid	0
Butyl Alcohol	1	Phenol	3
Butylacrylate	1	Phosphoric Acid (25%)	2
Calcium Chloride (10%)	0	Potassium Hydroxide (25%)	0
Diacetone Alcohol	1	Propylene Glycol	0
Diesel Fuel	0	Skydrol	1
Ethyl Acetate	0	Sodium Hydroxide (25%)	0
Ethyl Alcohol	0	Sodium Hydroxide (50%)	0
Ethylene Glycol	0	Sodium Hypochlorite (10%)	0
Formic Acid (38%)	1	Solvent 100	0
Gasoline	0	Sulfuric Acid (10%)	1
Glycolic Acid	0	Sulfuric Acid (20%)	1
Hydrobromic (48%)	3	Sulfuric Acid (50%)	1
Hydrochloric Acid (5%)	0	Sulfuric Acid (96%)	3
Hydrochloric Acid (15%)	1	Tall Oil Fatty Acid	1
Hydrochloric Acid (37%)	1	Urine	0
Isopropyl Alcohol	0	Vegetable Oil	0
Jet Fuel	0	Vinegar	0
Ketchup	0	Xylene	0
Lactic Acid (20%)	1		

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Issued by: Hempel (USA) – Acrylithane HS4 CRC

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