

Repel Rubber Tile Chemical Resistance Chart

<u>Chemical</u>	<u>1 Hour</u>	<u>Chemical</u>	<u>1 Hour</u>
Acetic acid (concentrated)	SD 1	Kerosene	SD 1
Acetic acid (5%), white vinegar	0	Lighter fluid	SD 1
Acetone	SD 1	Methyl alcohol	0
Ammonium hydroxide, NH ₄ OH (5%)	SD 1	Methyl ethyl ketone (MEK)	SA 1
Amyl acetate	SD 1	Methylene chloride	SA 1
Animal Fats	0	Mineral oil, white medicinal grade	0
Benzene	SD 1	Mineral spirits	SD 2
Betadine ¹	0	Nitric acid (concentrated)	0
Blood	0	Nitric acid (5%)	0
Brake Fluid	SD 1	Motor Oil	0
Butyl alcohol	SD 1	Olive oil	0
Carbon tetrachloride	SD 1	Perchloroethylene	SA 1
Chloroform	0	Phenol disinfectant (5%)	0
Creosote	CC 2	Silver nitrate (5%)	CC 1
Cresol	SD 1	Silver nitrate (40%)	0
CRL (Calcium, Rust, Lime) Remover	CC 3	Sodium hydroxide, NaOH (5%)	0
Dichloroethylene	0	Sodium hypochlorite, bleach (5.25%)	0
Dimethyl sulfoxide	SD 1	Sodium metasilicate	0
Ethyl acetate	0	Sulfuric acid (concentrated)	0
Ethyl alcohol	0	Sulfuric acid (77%)	0
Ethyl ether	0	Sulfuric acid, H ₂ SO ₄ (5%)	0
Formaldehyde (40%)	0	Thimerosal	SD 1
Fuchsine	CC 1	Toluene	SA 1
Gasoline, unleaded	0	Tribasic sodium phosphate	0
Hydrochloric acid (concentrated)	CC 2	Trichloroethane	SA 1
Hydrochloric acid, HCl (5%)	SD 1	Trichloroethylene	SA 1
Hydroflouric acid (concentrated)	0	Urine	0
Hydroflouric acid (5%)	0	Vegetable Oil	0
Iodine	SD 1	Xylene	SD 1
Isopropyl alcohol	SD 1		
Isopropyl alcohol (70%)	0		

Categories

- * SD: Surface dulling; Indicates that the specimen suffered from a loss of gloss
- * CC: Color change; Indicates that the specimen suffered discoloration or bleaching, or both
- * SA: Surface attack; Indicates that the specimen suffered surface damage such as softening, warping, swelling, blistering, peeling, raised or rough area

Subjective category ratings

- 0 = no change
- 1 = slight change
- 2 = moderate change
- 3 = severe change

Notes: 1: May be removed using Windex with Ammonia D

** Tested in accordance with ASTM F 925; chemicals exposed to tile surface for one hour and examined within 5 minutes of removal

*** Samples were submerged in animal fats, vegetable oil, oils, and fluids for 14 days with no change.