

Chemical Name (Concentration)	Test Results
Acetic Acid (100%)	SD 1, SA 1
Acetic Acid (5%), White Vinegar	0
Acetone	SD 3, SA 3
Ammonium Hydroxide, NH <sub>4</sub> OH (5%)	SD 1
Benzene	SA 1
Betadine <sup>1</sup>	0
Blood	0
Butyl Alcohol	SD 1
Carbon Tetrachloride	SD 1
Chloroform	SA 1
Creosote	CC 2
Cresol	SD 1, SA 2
CRL (Calcium, Lime, Rust) Remover	CC 3
Dichloroethylene	SA 3
Dimethyl Sulfoxide	SD 2
Ethyl Acetate	0
Ethyl Alcohol (5%)	SD 1, SA 1
Ethyl Alcohol (62%)	SD 3, SA 3
Ethyl Ether	0
Formaldehyde (40%)	0
Fuchsine	CC 2
Gasoline, Unleaded	SD 2
Hydrochloric Acid (100%)	CC 3
Hydrochloric Acid, HCl (5%)	SD 1
Hydrofluoric Acid (100%)	0
Hydrofluoric Acid (5%)	0
Iodine <sup>1</sup>	SD 1
Isopropyl Alcohol (100%)	SD 1
Isopropyl Alcohol (7%)	0

<sup>1</sup> May be removed using Windex with Ammonia D

Chemical Name (Concentration)	Test Results
Kerosene	SA 1
Lighter Fluid	SD 1
Methyl Alcohol	0
Methyl Ethyl Ketone	SA 1
Methylene Chloride	SA 1
Mineral Oil, White Medicinal Grade	0
Mineral Spirits	SD 2
Nitric Acid (100%)	SD 2
Nitric Acid (5%)	0
Olive Oil	0
Perchloroethylene	SA 1
Phenol Disinfectant (5%)	0
Silver Nitrate (40%)	CC 2
Silver Nitrate (5%)	CC 1
Sodium Hydroxide, NaOH (5%)	0
Sodium Hypochlorite, Bleach (5.25%)	0
Sodium Metasilicate	0
Sulfuric Acid (77%)	CC 3
Sulfuric Acid, H <sub>2</sub> SO <sub>4</sub> (5%)	0
Thimerosal	SD 1
Toluene	SA 2
Tribasic Sodium Phosphate	0
Trichloroethane	SA 1
Trichloroethylene	SA 1
Urine	0
Xylene	SD 1

### CATEGORIES

#### **SD: Surface Dulling**

- Indicates specimen suffered loss of sheen

#### **CC: Color Change**

- Indicates specimen discolored or whitened

#### **SA: Surface Attack**

- Indicates surface damage of specimen, such as softening, warping, swelling, blistering, peeling, raising or roughness

### CATEGORY RATINGS

0. No Change
1. Slight Change
2. Moderate Change
3. Severe Change

All chemical resistance testing performed in accordance with ASTM F925; all chemicals exposed to surface of material for one hour and examined within five minutes of removal. Chemical resistance is performed cumulatively and is relevant to all products made of a particular material, in this case luxury vinyl tile and plank. For this reason, all chemical resistance tests are usable for any product of a particular material type, regardless of product line or color. If a chemical does not appear on this list and you would like testing to be performed, please contact the RHC Technical Department – [solutions@rhctechnical.com](mailto:solutions@rhctechnical.com).