RES-TEK®
Acrylic Flooring & Concrete Repair Solutions

Chemical Resistance Chart

This table shows resistance to individual chemicals only. Combinations of chemicals and higher exposure temperatures may cause different rates of attack. Evaluations at a temperature of 68°F (20°C).

Resistance
E = Excellent **G** = Good **N** = Not Recommended

Chemical	PUR-Guard HD-TC	MAC-Guard MAC-925
Acetic Acid 5% @ 20° C	E	E
Acetic Acid 10% @ 20° C	E	E
Acetic Acid 10% @ 60° C	N	E
Acetic Acid 20% @ 20° C	E	E
Acetic Acid 30% @ 20° C	E	E
Acetic Acid 30% @ 60° C	N	N
Acetic Anhydride	E	E
Acetone	N	N
Aluminium Sulphate 30% @ 20° C	E	E
Ammonia 0.880 @ 20°C	E	E
Ammonia 40% @ 20° C	G	E
Ammonium Chloride 30% @ 20° C	E	E
Ammonium Nitrate 30% @ 20° C	E	E
Beer	E	E
Benzene	E	G
Benzyl Alcohol	E	E
Betadine	N	E
Blood	E	E
Butyl Acetate	E	N
Calcium Hydroxide 30% Suspension	E	E
Caprolactam 20% @ 20° C	E	E
Caprolactam 30% @ 20° C	E	E
Caprolactam 50% @ 20° C	E	E
Caprolactam 100% @ 20° C	E	E
Carbon Tetrachloride	E	G
Castor Oil	E	E
Chicken Fats	E	E
Chromic Acid 1% @ 20° C	E	E
Chromic Acid 5% @ 20° C	E	E
Chromic Acid 10% @ 20° C	E	E
Chromic Acid 30% @ 20° C	E	E
Citric Acid 10% @ 20° C	E	E
Citric Acid 30% @ 20° C	E	E
Cleaning Agent for Heavy Duty Vehicles	E	E
Cleaning Petrol	E	E
Coconut Fatty Acid	E	E

Chemical	PUR-Guard HD-TC	MAC-Guard MAC-925
Coconut Oil	E	E
Cod Liver Oil	E	E
Common Salt Solution 5% @ 20° C	E	E
Common Salt Solution Saturated	E	E
Copper Sulphate Solution 30% @ 20° C	E	E
Cottonseed Oil	E	E
Creosote	E	E
Crude Oil	E	E
Cyclohexane	E	E
Cyclohexanol	E	E
Cyclohexanone	E	E
Deionized Water	E	E
Detergent Solution 3%	E	E
Diacetone Alcohol	E	E
Diesel Oil	E	E
Dimethylamine 40% @ 20° C	G	N
Dishwashing Detergent 3%	E	E
Ethanol 10% @ 20° C	E	E
Ethanol 15% @ 20° C	E	E
Ethanol 70% @ 20° C	E	E
Ethanol 96% @ 20° C	E	E
Ethyl Acetate	E	N
Ethyl Glycol	E	E
Ethyl Glycol Acetate	E	E
Ethylebe Glycol	E	E
Ethylene Glycol Monobutyl Ether	E	E
Ethylene Glycol Monobutyl Ether Acetate	E	E
Ethylene Glycol Monoethyl Ether	G	E
Ethylene Glycol Monomethyl Ether	N	N
Fish Oil	E	E
Formaldehyde 40% @ 20° C	E	E
Formaldehyde 100% @ 20° C	G	G
Formic Acid 5% @ 20° C	E	E
Formic Acid 10% @ 20° C	E	E
Formic Acid 20% @ 20° C	E	E
Formic Acid 30% @ 20° C	E	E

Continued on back >

Chemical	PUR-Guard HD-TC	MAC-Guard MAC-925
Grape Juice	E	E
Groundnut Oil	E	E
Heptane	E	E
Hexane	E	E
Hexylene Glycol	E	E
Hydrochloric Acid 5% @ 20° C	E	E
Hydrochloric Acid 10% @ 20° C	E	E
Hydrochloric Acid 36% @ 20° C	E	E
Hydroflouric Acid 48% @ 20° C	E	E
Hydrogen Peroxide 3% @ 20° C	E	E
Hydrogen Peroxide 100% @ 20° C	E	E
Iso-Amyl Alcohol	E	G
Iso-Propanol	E	G
Iso-Propyl Alcohol	G	G
Jet Fuel	E	E
Kerosene	E	E
Lactic Acid 2% @ 20° C	E	E
Lactic Acid 5% @ 20° C	E	E
Lactic Acid 90% @ 20° C	E	E
Lard	E	E
Lime Juice	E	E
Linseed Fatty Acid	E	E
Linseed Oil	E	E
Methanol	E	N
Methyl Ethyl Ketone (MEK)	N	N
Methylene Chloride	N	N
Milk	E	E
Mineral Oil	E	E
Molasses	E	E
Nitric Acid 1% @ 20° C	E	E
Nitric Acid 3% @ 20° C	E	E
Nitric Acid 5% @ 20° C	E	E
Nitric Acid 30% @ 20° C	E	G
Nitric Acid 69% @ 20° C	N	N
Oleic Acid 100% @ 20° C	E	E
Olive Oil	E	E
Oxalic Acid 2% @ 20° C	E	E
Oxalic Acid 10% @ 20° C	E	E
Palm Kernel Oil	E	E
Paraffin	E	E
Paraffin Wax	E	E

Chemical	PUR-Guard HD-TC	MAC-Guard MAC-925
Perchlorethylene	E	G
Petroleum Ether	E	E
Phenol	N	G
Phosphoric Acid 10% @ 20° C	E	E
Phosphoric Acid 50% @ 20° C	E	E
Pine Oil	E	E
Potassium Hydroxide Solution 50%	E	E
Seawater	E	E
Silicone Oil	E	E
Skydrol A500	E	E
Soap Solution	E	E
Soda Solution (Dilute)	E	E
Soda Solution (Saturated)	E	E
Sodium Hydroxide 5% @ 20° C	E	E
Sodium Hydroxide 20% @ 20° C	E	E
Sodium Hydroxide 50% @ 20° C	E	E
Soybean Oil	E	E
Styrene	E	N
Sugar Solution 30% @ 20° C	E	E
Sulphuric Acid 5% @ 20° C	E	E
Sulphuric Acid 10% @ 20° C	E	E
Sulphuric Acid 20% @ 20° C	E	E
Sulphuric Acid 50% @ 20° C	G	G
Sulphuric Acid 98% @ 20° C	N	N
Sulphuric Acid 10% @ 100° C	N	N
Sunflower Seed Oil	E	E
Tall Oil	E	E
Tall Oil Fatty Acid	E	E
Tallow	E	E
Tapwater	E	E
Tartaric Acid 5% @ 20° C	E	E
Toluene	E	G
Trichloroethylene	N	N
Tricresyl Phosphate	E	E
Vegetable Juice	E	E
Virkon-S	E	E
Water, Distilled, @ 100° C	E	E
Whiskey	E	E
White Spirit	E	E
Wine	E	E
Xylene (Mixed Isomers)	E	N

This chart is offered as a guide only. This information is believed to be reliable based on our experience to date.

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