

CHEMICAL RESISTANCE GUIDE

123362	165090	162173	162184		123393	179377	165078
123363	165096	162174	162182		123404	179378	165081
162166	165098	162175			123408	123372	165084
162168	165093	162176			123410	123373	165085
162171		162178			123411	123374	165086
123376					123413	162210	165087
					123433	162211	
					123434	162212	
					137049	165103	
					137052	165104	
					137056	165106	
					195125	165543	
					195128	165545	
					195130		
					137055		
					137053		
					195127		
					195129		
					195131		
					123414		
					123430		
					123431		
					137057		
					179375		
					137058		
					179376		
					164546		

Chemical	Form	Chemical Family	Concentration	1	1	2	2	2	2	2	2	4	1
2-Propanol (isopropal alcohol)	Liquid	Alcohol		2	2	4	4	4	3	3	3	4	2
Acetaldehyde	Liquid	Aldehyde	50%	3	3	3	3	3	4	4	4	4	2
Acetic Acid	Liquid	Acid (weak, organic)	Glacial	2	2	3	3	3	2	2	2	3	2
Acetic Acid	Liquid	Acid (weak, organic)	50%	3	3	2	2	2	4	4	4	4	2
Acetic Anhydride	Liquid	Acid (weak)		3	3	4	4	4	3	3	3	4	1
Acetone	Liquid	Ketone		4	4	4	4	4	1	1	1	4	2
Ammonium Hydroxide	Liquid	Base (weak)	28-30%	4	4	4	4	4	3	3	3	4	2
Amyl Acetate	Liquid	Carboxylic Acid (Aliphatic)		4	4	4	4	4	4	4	4	4	2
Aniline	Liquid	Base (aromatic, organic)		4	4	1	1	1	n/a	n/a	n/a	1	4
ASTM #1	Liquid	Paraffin Oil		4	4	1	1	2	2	2	2	2	4
Beef Fat	Solid/Liquid			4	4	4	4	4	4	4	4	4	4
Benzene	Liquid	Aromatic HC		4	4	4	4	4	1	1	1	4	4
Benzoic Acid	Liquid	Carboxylic Acid (Aromatic)		4	4	4	4	4	4	4	4	4	4
Benzyl Alcohol	Liquid	Alcohol		1	1	1	1	1	1	1	1	1	4
Boric Acid	Liquid	Acid (weak)		4	4	4	4	4	4	4	4	4	1
Brake Fluid	Liquid	Ether/Glycol		4	4	4	4	4	2	2	2	4	4
Bromine	Liquid/Gas	Halogen		4	4	1	1	1	3	3	3	3	4
Butane	Liquid	Aliphatic HC		4	4	1	1	2	1	1	1	2	2
Butter	Solid/Liquid			4	4	4	4	4	3	3	3	4	3
Butyl Acetate	Liquid	Carboxylic Acid (Aliphatic)		1	1	1	1	1	1	1	1	3	2
Butyl Alcohol (butanol)	Liquid	Alcohol		1	1	1	1	1	2	2	2	1	1

Methylene Chloride	Liquid	Aliphatic HC (halogenated)		4	4	1	1	1	3	3	3	1	4
Mineral Oil	Liquid	Petroleum HC		4	4	2	2	2	3	3	3	2	4
Mineral Spirits	Liquid	Aliphatic HC		4	4	1	1	2	2	2	2	2	4

Motor Oil 10w-30 (natural)	Liquid	Paraffin Oil		4	4	1	1	2	2	2	2	2	4
Motor Oil 10w-30(synthetic)	Liquid	Paraffin Oil		4	4	1	1	1	---	---	---	3	4
Napathenic	Liquid	Aromatic HC		4	4	1	1	1	2	2	2	3	4
Naptha	Liquid	Aromatic HC		4	4	4	4	4	2	2	2	4	2
Nitric Acid	Liquid	Acid (strong)	Concentrated	4	4	4	4	4	2	2	2	4	1
Nitric Acid	Liquid	Acid (strong)	20%	4	4	4	4	4	4	4	4	4	2
Nitrobenzene	Liquid	Aromatic HC		4	4	1	1	1	2	2	2	4	4
Octane	Liquid	Aliphatic HC		4	4	2	2	2	3	3	3	2	3
Oleic Acid	Liquid	Acid		2	2	2	2	2	2	2	2	3	1
Oxalic Acid	Liquid	Acid (weak)		4	4	2	2	2	1	1	1	2	4
Peanut Oil	Liquid	Fatty Acid		4	4	1	1	1	2	2	2	4	4
Pentane	Liquid	Aliphatic HC		4	4	2	2	2	3	3	3	4	4
Perchloroethylene	Liquid	Aliphatic HC (chlorinated)		4	4	1	1	1	2	2	2	2	4
Petroleum	Liquid	Aliphatic HC		2	2	3	3	3	1	1	1	4	1
Phosphoric Acid	Liquid	Acid (weak)		4	4	3	3	4	4	4	4	2	4
Pine Oil	Liquid	Turpene/Alcohol/Ether	100%	3	3	2	2	2	3	3	3	1	4
Pine Oil	Liquid		20%=Pine-Sol	2	2	2	2	2	1	1	1	3	1
Potassium Hydroxide	Liquid	Base (strong)	50%	4	4	1	1	2	2	2	2	---	4
Power Steering Fluid	Liquid	Napathenic Oil		4	4	1	1	1	1	1	1	2	4
Propane	Liquid	Aliphatic HC		1	1	1	1	1	2	2	2	4	1
Propyl Alcohol (propanol)	Liquid	Alcohol		4	4	4	4	4	4	4	4	4	4
Propylene Dichloride	Liquid	Aliphatic HC		1	1	1	1	1	1	1	1	1	1
Salt Water	Liquid			1	1	1	1	1	1	1	1	1	2
Silicates	Solid	Alkali Metals		1	1	2	2	2	1	1	1	1	1
Silver Nitrate	Solid	Inorganic Salt		1	1	1	1	1	1	1	1	1	1
Sodium Bicarbonate	Solid	Inorganic Salt		2	2	2	2	2	2	2	2	3	1
Sodium Hydroxide	Liquid	Base (strong)		1	1	1	1	1	1	1	1	1	1
Sodium Hydroxide	Liquid	Base (strong)	0.34% = Mr. Clean	1	1	1	1	1	1	1	1	4	2
Sodium Hypochlorite (bleach)	Liquid	Base		3	3	1	1	1	2	2	2	1	2
Stearic Acid	Liquid	Fatty Acid		4	4	4	4	4	4	4	4	3	4
Styrene	Liquid	Aromatic HC		3	3	4	4	4	1	1	1	4	2
Sulfuric Acid	Liquid	Acid (strong)	10-75%	4	4	4	4	4	4	4	4	4	3
Sulfuric Acid	Liquid	Acid (strong)	Concentrated	2	2	2	2	2	1	1	1	2	2
Sulfuric Acid	Liquid	Acid (strong)	<10%	4	4	4	4	4	4	4	4	3	4
Tetrahydrofuran (THF)	Liquid	Ether		4	4	3	3	3	4	4	4	4	4
Toluene (methyl benzene)	Liquid	Aromatic HC		4	4	1	1	1	2	2	2	1	4
Transmission Fluid	Liquid	Napathenic or Paraffin Oil		4	4	4	4	4	4	4	4	---	4
Trinitrobenzene	Liquid	Aromatic HC		4	4	1	1	1	4	4	4	4	4
Turpentine	Liquid	Aliphatic HC		4	4	1	1	2	1	1	1	1	4
Vegetable Oil	Liquid	Aliphatic HC		3	3	1	1	1	1	1	1	3	1
Vinegar	Liquid	Acid (weak, organic)	5% Acetic Acid	4	4	4	4	4	4	4	4	4	4
Xylene	Liquid	Aromatic HC											

LEGEND:
1 = Recommended
2 = Suitable for Use
3 = Useable, not recommended
4 = Not Recommended

Use of product in environments specified as "USEABLE, NOT RECOMMENDED" or "NOT RECOMMENDED" may lead to product failure and will void warranty. These ratings are intended to be used as a guide only. For decisive results, please call for a free product sample for on-site testing in actual conditions. Actual results may vary depending on concentration of chemicals. Ratings for products 470, 478, 479, 480, 979 refer to top surface.

NB: Under all circumstances regular cleaning is strongly recommended for hygienic/safety reasons and to reduce the effects of abrasion or aggressive industrial fluidson mats, thereby maintaining their effectiveness longer.