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CHEMICAL RESISTANCE GUIDE

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Codes 1 = Good 2 = Fair; Use Caution 3 = Should Not Be Used = Insufficient Data **Chemical or Solution**	Cast Iron	Cast Steel	304 Stainless Steel	316 Stainless Steel	Alloy 20	Hastalloy B	Hastalloy C	PVC	Polypropylene	PVDF	Teflon	Polyethylene	Acrylic	Clear PVC	Hypalon	FEP	Viton	EPDM
Acetaldehyde	1	1	1	1	1		1	3	2	1	1	2	3	3	3	1	1	2
Acetate Solvents	1	1	1	1	1		1	3	3	1	1	2	3	3	3	1	3	3
Acetic Acid, Glacial	3	3	1	1	1		1	3	2	2	1	3	3	3	2	1	3	2
Acetic Acid, 5%	3	3	2	1	1		1	1	1	1	1	1	1	1	1	1	3	2
Acetic Acid 10%	3	3	2	1	1		1	1	1	1	1	1	1	1	1	1	3	2
Acetic Acid 80%	3	3	2	2	1	1	1	3	3	1	1	2	3	3	1	1	3	3
Acetic Anhydride	3	3	2	1	1	1	1	3	3	2	1	3	3	3	1	1	3	3
Acetone	1	1	1	1	1	1	1	3	2	3	1	2	3	3	2	1	3	1
Acetylene	1	1	1	1	1	1	1		1		1	2		1		1	1	1
Acrylonitrile	3	3	1	1	1	1	1	3	2	2	1	3	1		2	1	3	3
Aluminum Chloride	3	3	3	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1
Aluminum Hydroxide	2	3	2	1	1	2		1	1	1	1	1	1	1	2	1	1	1
Aluminum Nitrate	3		2	1	1			1	1	1	1	1	1	1		1	1	1
Aluminum Sulfate	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Amines	1	1	1	1	1	1	1	3	1	3	1				3	1	3	2
Alums	3	3	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
Ammonia, Anhydrous	1	1	1	1	1	1	1	1	1	3	1	1	3	1	3	1	3	1
Ammonium Carbonate		1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1
Ammonium Chloride	2	2	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1
Ammonium Floride 10%				1	1	1	1	1	1	1	1	1	1	3		1	1	1
Ammonium Hydroxide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
Ammonium Nitrate	3	3	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1
Ammonium Phosphate	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ammonium Sulfate	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Amyl Acetate	1	1	1	1	1	1	1	3	3	2	1	2	3	3	3	1	3	1
Aniline	1	1	1	1	1	1	1	3	1	2	1	1	3		3	1	3	1
Aqua Ammonia	1	1		1	1	1	1	1	1	1	1	1	2	3	1	1	1	1
Arsenic Acid	3	3	2	2	1	2	2	1	1	1	1	1		1	1	1	1	1
Barium Carbonate	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Barium Chloride	3		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Barrum Hydroxide	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1