

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION	Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
	1,2,2,2-Tetrafluoroethane, pure - Hydrocarbon, Aliphatic, Halogenated	D	D	D	D	D	D	D	D
	1,2-ethanediol, 30% - Alcohol, Aliphatic, Polyol	A	D	D	D	D	D	D	D
	1,2-ethanediol, pure - Alcohol, Aliphatic, Polyol	A	D	D	D	D	D	D	D
	1,2-propanediol, pure - Alcohol, Aliphatic, Polyol	A	D	D	D	D	D	D	D
	1,3-Benzenediol, 5% - Alcohol, Aromatic, Polyol	A	D	D	D	D	D	D	D
	1,3-Benzenediol, pure - Alcohol, Aromatic, Polyol	A	D	D	D	D	D	D	D
	1,3-Benzenediol, saturated - Alcohol, Aromatic, Polyol	A	D	D	D	D	D	D	D
	1,3-Butylene Glycol, pure - Alcohol, Aliphatic, Polyol	D	D	D	D	D	D	D	D
	1,4-benzoquinone, pure - Ketone, Aliphatic, Cyclic	D	D	D	D	D	D	D	D
	1-Dodecanol, pure - Alcohol, Aliphatic	D	D	D	D	D	D	D	D
	1-Hexadecanol, pure - Alcohol, Aliphatic	A	D	D	D	D	D	D	D
	1-Propanol, 100% - Alcohol, Aliphatic	A	D	D	D	D	D	D	D
	1-Propanol, pure - Alcohol, Aliphatic	A	D	D	D	D	D	D	D
	2-(2-Ethoxyethoxy)ethanol, pure - Ether, Aliphatic, Alcohol	A	D	D	D	D	D	D	D
	2,4,6-Trimethyl-1,3,5-trioxane, pure - Ketone, Aliphatic, Cyclic	D	D	D	D	D	D	D	D
	2-Butoxyethanol, pure - Ether, Aliphatic, Alcohol	D	D	D	D	D	D	D	D
	2-Mercaptoethanol, pure - Alcohol, Aliphatic, Mercaptan	D	D	D	D	D	D	D	D
	2-Methoxyethanol Acetate, pure - Ether, Aliphatic, Ester	C	D	D	D	D	D	D	D
	2-Methoxyethanol, pure - Ether, Aliphatic, Alcohol	B	D	D	D	D	D	D	D
	2-Propanol, 100% - Alcohol, Aliphatic	A	D	D	D	D	D	D	D
	2-Propanol, 30% - Alcohol, Aliphatic	A	D	D	D	D	D	D	D
	2-Propanol, pure - Alcohol, Aliphatic	A	D	D	D	D	D	D	D
	3-Pentanone, pure - Ketone, Aliphatic	B	D	D	D	D	D	D	D
	4-Hydroxy-4-methyl-2-pentanone, pure - Ketone, Aliphatic, Alcohol	A	D	D	D	D	D	D	D
	Abietic Acid	D	D	D	D	D	D	D	D
	Acetaldehyde	B	A	A	A	A	C	C	C
	Acetamide	A	D	D	D	D	A	C	A
	Acetanilide	D	D	D	D	D	A	C	C
	Acetic Acid, <5% - Acid, Organic	A	A	A	A	D	A	A	D
	Acetic Acid, 1% - Acid, Organic	A	D	D	D	D	D	D	D
	Acetic Acid, 10% - Acid, Organic	A	D	D	D	D	D	D	D
	Acetic Acid, 100% - Acid, Organic	A	D	D	D	D	D	D	D
	Acetic Acid, 25% - Acid, Organic	A	D	D	D	D	D	D	D
	Acetic Acid, 30%	A	D	D	D	D	A	D	D
	Acetic Acid, 5%	A	D	D	D	D	A	A	B
	Acetic Acid, 50% - Acid, Organic	A	D	D	D	D	D	D	D
	Acetic Acid, 60% - Acid, Organic	A	D	D	D	D	D	D	D
	Acetic Acid, 90% - Acid, Organic	A	D	D	D	D	D	D	D
	Acetic Acid, Glacial	A	B	A	A	D	D	C	C
	Acetic Acid, Glacial - Acid, Organic	A	D	D	D	D	D	D	D
	Acetic Acid, Hot, High Pressure	D	D	D	D	D	C	C	C
	Acetic Anhydride	B	A	A	A	A	C	C	C
	Acetoacetic Acid	D	D	D	D	D	A	C	C
	Acetone	B	A	A	A	A	A	C	C
	Acetone Cyanohydrin	D	D	D	D	D	A	C	C
	Acetonitrile	A	D	D	D	D	A	A	C
	Acetophenetidine	D	D	D	D	D	C	A	B
	Acetophenone	C	D	D	D	D	A	C	C
	Acetotoluidide	D	D	D	D	D	C	A	B
	Acetyl Acetone	D	D	D	D	D	A	C	C
	Acetyl Bromide	D	D	D	D	D	A	A	C
	Acetyl Chloride	D	D	D	D	D	C	A	C
	Acetylene	C	A	A	A	A	A	A	A
	Acetylene Tetrabromide	D	D	D	D	D	A	A	C
	Acetylene Tetrachloride	D	D	D	D	D	A	A	C
	Acetylsalicylic Acid	D	D	D	D	D	C	A	B
	Acidic Cleaning Solution - Detergent	D	D	D	D	D	D	D	D

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A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
Acids, Non-organic		D	D	D	D	D	D	D	D
Acids, Organic		D	D	D	D	D	D	D	D
Aconitic Acid		D	D	D	D	D	D	D	D
Acridine		D	D	D	D	D	D	D	D
Acrolein		D	D	D	D	D	A	C	C
Acrylamide, pure - Misc.		A	D	D	D	D	D	D	D
Acrylic Acid		D	A	A	A	D	C	D	B
Acrylonitrile		C	B	A	A	D	C	C	C
Adipic Acid		A	B	A	A	D	A	D	A
Aero Lubriplate		D	D	D	D	D	C	A	A
Aero Shell 17 Grease		D	D	D	D	D	C	A	A
Aero Shell 750		D	D	D	D	D	C	A	B
Aero Shell 7A Grease		D	D	D	D	D	C	A	B
Aero Shell IAC		D	D	D	D	D	C	A	A
Aerosafe 2300		D	D	D	D	D	A	C	C
Aerosafe 2300W		D	D	D	D	D	A	C	C
Aerocene 50 (50% Hydrazine 50% UDMH)		D	D	D	D	D	A	C	C
Air, Below 200° F		D	D	D	D	D	A	A	B
Air, 200 - 300° F		D	D	D	D	D	B	A	C
Air, 300 - 400° F		D	D	D	D	D	C	A	C
Air, 400 - 500° F		D	D	D	D	D	C	C	C
Alanine, pure - Misc.		A	D	D	D	D	D	D	D
Alconox detergent - Detergent		A	D	D	D	D	D	D	D
Aliphatic Dicarboxylic Acid		D	D	D	D	D	C	A	B
Alkaline Sucrose - Misc.		A	D	D	D	D	D	D	D
Alkanes (Paraffin Hydrocarbons)		D	D	D	D	D	C	A	A
Alkanesulfonic Acid		D	D	D	D	D	C	A	A
Alkazene		D	D	D	D	D	C	B	C
Alkenes (Olefin Hydrocarbons)		D	D	D	D	D	C	A	B
Alkyl Acetone		D	D	D	D	D	A	C	C
Alkyl Alcohol		D	D	D	D	D	C	A	A
Alkyl Amine		D	D	D	D	D	C	A	A
Alkyl Aryl Sulfonates		D	D	D	D	D	C	A	A
Alkyl Aryl Sulfonics		D	D	D	D	D	C	A	A
Alkyl Benzene		D	D	D	D	D	C	A	B
Alkyl Chloride		D	D	D	D	D	C	A	B
Alkyl Sulfide		D	D	D	D	D	C	A	B
Alkyl naphthalene Sulfonic Acid		D	D	D	D	D	C	A	A
Allyl Alcohol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D	D
Allyl Chloride		D	D	D	D	D	C	A	B
Allylidene Diacetate		D	D	D	D	D	A	C	C
Alpha Picoline		D	D	D	D	D	A	C	C
Alum, 5% - Salt, Inorganic		A	B	A	A	D	A	A	A
Alum, pure - Salt, Inorganic		A	D	D	D	D	D	D	D
Aluminum Acetate		D	D	D	D	D	A	C	B
Aluminum Bromide		D	D	D	D	D	A	A	A
Aluminum Chlorate		D	D	D	D	D	A	C	C
Aluminum Chloride		A	C	A	A	A	A	A	A
Aluminum Ethylate		D	D	D	D	D	D	D	D
Aluminum Fluoride		A	D	D	D	D	A	A	A
Aluminum Fluorosilicate		D	D	D	D	D	D	D	D
Aluminum Formate		D	D	D	D	D	A	C	C
Aluminum Hydroxide		A	D	D	D	D	A	B	B
Aluminum Linoleate		D	D	D	D	D	C	A	A
Aluminum Nitrate		D	D	D	D	D	A	A	A
Aluminum Oxalate		D	D	D	D	D	A	C	C
Aluminum Phosphate		D	D	D	D	D	A	A	A
Aluminum Potassium Sulfate		A	D	D	D	D	A	C	C
Aluminum Salts		A	D	D	D	D	A	A	A

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C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	Ceramic	PTE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Aluminum Sodium Sulfate		D	D	D	D	D	A	C	C
Aluminum Sulfate		A	C	A	A	A	A	A	A
Alums-NH3 -Cr -K		D	D	D	D	A	A	C	A
Ambrex 33 (Mobil)		D	D	D	D	D	C	A	A
Ambrex 830 (Mobil)		D	D	D	D	D	C	A	A
Amines-Mixed		D	D	D	D	A	B	C	C
Amino Acids, pure - Misc.		A	D	D	D	D	D	D	D
Aminoanthraquinone		D	D	D	D	D	D	D	D
Aminoazobenzene		D	D	D	D	D	D	D	D
Aminobenzene Sulfonic Acid		D	D	D	D	D	D	D	D
Aminobenzoic Acid		D	B	A	A	D	C	C	C
Aminopyridine		D	D	D	D	D	D	D	D
Aminosalicic Acid		D	D	D	D	D	D	D	D
Ammonia (Anhydrous)		D	A	A	A	A	A	C	C
Ammonia and Lithium Metal in Solution		D	D	D	D	D	B	C	B
Ammonia, 25% - Base/Caustic, Inorganic		A	D	D	D	D	D	D	D
Ammonia, Gas, Cold		A	D	D	D	D	A	C	A
Ammonia, Gas, Hot		D	D	D	D	D	B	C	C
Ammonia, Liquid (Anhydrous)		D	D	D	D	D	A	C	B
Ammonium Acetate		A	D	D	D	D	A	C	C
Ammonium Arsenate		D	D	D	D	D	A	C	C
Ammonium Benzoate		D	D	D	D	D	A	C	C
Ammonium Bicarbonate		D	D	D	D	D	A	C	C
Ammonium Bisulfite		D	D	D	D	D	A	C	C
Ammonium Bromide		D	D	D	D	D	A	A	A
Ammonium Carbamate		D	B	A	A	D	A	C	C
Ammonium Carbonate		A	B	A	A	D	A	A	C
Ammonium Chloride, 2N		A	D	D	D	A	A	A	A
Ammonium Citrate		D	D	D	D	D	A	C	C
Ammonium Dichromate		D	D	D	D	D	A	C	C
Ammonium Diphosphate		D	D	D	D	D	A	C	C
Ammonium Fluoride		A	D	D	D	D	A	A	A
Ammonium Fluorosilicate		D	D	D	D	D	D	D	D
Ammonium Formate		D	D	D	D	D	A	C	C
Ammonium Glycolate, pure - Salt, Inorganic, Amine		A	B	A	A	D	A	C	C
Ammonium Hydroxide, 10% - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Ammonium Hydroxide, 1N - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Ammonium Hydroxide, 25% - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Ammonium Hydroxide, 28% - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Ammonium Hydroxide, 3 Molar		A	B	A	A	A	A	C	C
Ammonium Hydroxide, 30% - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Ammonium Hydroxide, 5% - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Ammonium Hydroxide, 6% - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Ammonium Hydroxide, 6N - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Ammonium Hydroxide, Concentrated		A	B	A	A	A	A	C	C
Ammonium Hydroxide, pure - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Ammonium Iodide		D	D	D	D	D	A	A	A
Ammonium Lactate		D	D	D	D	D	A	C	C
Ammonium Metaphosphate		D	D	D	D	D	A	C	C
Ammonium Molybdenate		D	D	D	D	D	A	C	C
Ammonium Nitrate, 2N		A	A	A	A	A	A	C	A
Ammonium Nitrite		D	D	D	D	D	A	D	A
Ammonium Oxalate		A	D	D	D	D	A	C	C
Ammonium Perchlorate		D	D	D	D	D	A	C	C
Ammonium Perchloride		D	D	D	D	D	D	D	D
Ammonium Persulfate 10%		D	D	D	D	D	A	D	C
Ammonium Persulfate Solution		A	D	D	D	D	A	D	C
Ammonium Phosphate		A	B	A	A	D	A	C	A
Ammonium Phosphate, Dibasic		D	D	D	D	A	A	D	A

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A	No known effect							
B	Some effect, evaluate with caution							
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D	Unknown							
	Ammonium Phosphate, Mono-Basic	D	D	D	D	A	A	A
	Ammonium Phosphate, Tribasic	D	D	D	D	A	A	A
	Ammonium Phosphite	D	D	D	D	D	A	C
	Ammonium Picrate	D	D	D	D	D	A	C
	Ammonium Polysulfide	D	D	D	D	D	A	C
	Ammonium Salicylate	D	D	D	D	D	A	C
	Ammonium Salts	A	D	D	D	D	A	C
	Ammonium Sulfamate	D	D	D	D	D	A	C
	Ammonium Sulfate	A	B	A	A	A	A	C
	Ammonium Sulfate Nitrate	D	D	D	D	D	A	C
	Ammonium Sulfide	A	D	D	D	D	A	C
	Ammonium Sulfite	D	D	D	D	D	A	C
	Ammonium Thiocyanate	D	D	D	D	D	A	C
	Ammonium Thioglycolate	D	D	D	D	D	A	C
	Ammonium Thiosulfate	D	D	D	D	D	A	C
	Ammonium Tungstate	D	D	D	D	D	A	C
	Ammonium Valerate	D	D	D	D	D	A	C
	Amyl Acetate	B	D	D	D	A	C	C
	Amyl Alcohol	A	A	A	A	A	A	C
	Amyl Borate	D	D	D	D	D	C	A
	Amyl Butyrate	D	D	D	D	D	C	A
	Amyl Chloride	C	D	D	D	A	C	A
	Amyl Chloronaphthalene	D	D	D	D	D	C	A
	Amyl Cinnamic Aldehyde	D	D	D	D	D	C	A
	Amyl Laurate	D	D	D	D	D	C	A
	Amyl Mercaptan	D	D	D	D	D	C	A
	Amyl Naphthalene	D	D	D	D	D	C	A
	Amyl Nitrate	D	D	D	D	D	A	C
	Amyl Nitrite	D	D	D	D	D	A	C
	Amyl Phenol	D	D	D	D	D	D	D
	Amyl Propionate	D	D	D	D	D	C	A
	Anderol, L- 826 (di-ester)	D	D	D	D	D	C	A
	Anderol, L- 829 (di-ester)	D	D	D	D	D	C	A
	Anderol, L-774 (di-ester)	D	D	D	D	D	C	A
	ANG-25 (Di-ester Base) (TG749)	D	D	D	D	D	C	A
	ANG-25 (Glyceral Ester)	D	D	D	D	D	A	A
	Aniline	A	A	A	A	A	C	C
	Aniline Dyes	D	A	A	A	A	C	C
	Aniline Hydrochloride	D	D	D	D	D	B	B
	Aniline Hydrochloride	D	D	D	D	D	A	C
	Aniline Oil	D	D	D	D	D	B	C
	Aniline Sulfate	D	D	D	D	D	A	C
	Aniline Sulfite	D	D	D	D	D	A	C
	Animal Fats	D	D	D	D	D	B	A
	Animal Oil (Lard Oil)	D	D	D	D	A	B	A
	Anisole	D	D	D	D	D	D	D
	Anisoyl Chloride	D	D	D	D	D	D	D
	AN-O-3 Grade M	D	D	D	D	D	C	A
	AN-O-366	D	D	D	D	D	C	A
	AN-O-6	D	D	D	D	D	C	A
	Ansul Ether 161 or 181	D	D	D	D	D	C	C
	Anthracene	D	D	D	D	D	C	A
	Anthranilic Acid	D	D	D	D	D	D	D
	Anthraquinone	D	D	D	D	D	D	D
	Anti-freeze Solutions	D	D	D	D	D	A	C
	Antimony Chloride	D	D	D	D	D	C	A
	Antimony Pentachloride	D	D	D	D	D	C	A
	Antimony Pentafluoride	D	D	D	D	D	D	D
	Antimony Sulfate	D	D	D	D	D	D	D

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		Polypropylene	316SS	Carbon	PTE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
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C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Antimony Tribromide		D	D	D	D	C	A	A
Antimony Trichloride		D	D	D	D	C	A	A
Antimony Trifluoride		D	D	D	D	C	A	A
Antimony Trioxide		D	D	D	D	C	A	A
AN-VV-O-366b Hydr. Fluid		D	D	D	D	C	A	A
Aqua Regia		C	C	C	A	D	C	C
Arachidic Acid		D	D	D	D	D	D	D
Argon		D	D	D	D	A	A	A
Aroclor, 1248		D	A	A	A	D	C	A
Aroclor, 1254		D	D	D	D	B	A	C
Aroclor, 1260		D	D	D	D	D	A	A
Aromatic Fuel -50%		D	D	D	D	C	A	B
Arsenic Acid		A	B	A	A	A	A	A
Arsenic Oxide		D	D	D	D	D	D	D
Arsenic Trichloride		D	D	D	D	C	C	A
Arsenic Trioxide		D	B	A	A	D	D	A
Arsenic Trisulfide		D	D	D	D	D	C	A
Arsenites		D	D	D	D	D	D	D
Arsine		D	D	D	D	D	D	D
Aryl Orthosilicate		D	D	D	D	D	D	D
Ascorbic Acid		D	A	A	A	D	C	C
Askarel Transformer Oil		D	D	D	D	D	C	A
Aspartic Acid		D	D	D	D	A	C	C
Asphalt		D	A	A	A	A	C	A
ASTM Oil, No.1		D	D	D	D	D	C	A
ASTM Oil, No.2		D	D	D	D	D	C	A
ASTM Oil, No.3		D	D	D	D	D	C	A
ASTM Oil, No.4		D	D	D	D	D	C	A
ASTM Oil, No.5		D	D	D	D	D	C	A
ASTM Reference Fuel A		D	D	D	D	D	C	A
ASTM Reference Fuel B		D	D	D	D	D	C	A
ASTM Reference Fuel C		D	D	D	D	D	C	A
ASTM Reference Fuel D		D	D	D	D	D	C	A
Asymmetrical Trimethylbenzene, pure - Hydrocarbon, Aromatic		C	D	D	D	D	D	D
ATL-857		D	D	D	D	D	C	A
Atlantic Dominion F		D	D	D	D	D	C	A
Atlantic Utro Gear-e		D	D	D	D	D	C	A
Atlantic Utro Gear-EP Lube.		D	D	D	D	D	C	A
Aure 903R (Mobil)		D	D	D	D	D	C	A
AUREX 256		D	D	D	D	D	D	D
Automatic Transmission Fluid		D	D	D	D	D	C	A
Automotive Brake Fluid		D	D	D	D	D	A	C
AXAREL 9100		D	D	D	D	D	D	D
Azobenzene		D	D	D	D	D	D	D
Bardol B		D	D	D	D	D	C	A
Barium Carbonate		D	D	D	D	D	A	C
Barium Chlorate		D	D	D	D	D	A	C
Barium Chloride		D	B	A	A	D	A	A
Barium Cyanide		D	D	D	D	A	A	A
Barium Hydroxide		D	A	A	A	A	A	A
Barium Iodide		D	D	D	D	D	A	A
Barium Nitrate		D	B	A	A	D	A	C
Barium Oxide		D	D	D	D	D	A	A
Barium Peroxide		D	D	D	D	D	A	C
Barium Polysulfide		D	D	D	D	D	A	C
Barium Salts		A	D	D	D	D	A	A
Barium Sulfate		D	B	A	A	D	A	A
Barium Sulfide		D	D	D	D	A	A	A
Bayol 35		D	D	D	D	D	C	A

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A	No known effect								
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C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Bayol D		D	D	D	D	D	C	A	A
Beer		A	A	A	A	A	A	A	A
Beet Sugar Liquids		D	D	D	D	D	A	A	A
Beet Sugar Liquors		D	D	D	D	A	A	A	A
Benzaldehyde		A	D	D	D	A	A	C	C
Benzaldehyde Disulfonic Acid		D	D	D	D	D	D	D	D
Benzamide		D	D	D	D	D	C	A	B
Benzanthrone		D	D	D	D	D	C	A	B
Benzenamine, pure - Amine, Aromatic		A	D	D	D	D	D	D	D
Benzene		C	B	A	A	A	C	A	C
Benzene Hexachloride		D	D	D	D	D	D	D	D
Benzenesulfonic Acid 10%		D	D	D	D	D	C	A	C
Benzenesulfonic Acid, pure - Acid, Organic, Aromatic		A	D	D	D	D	D	D	D
Benzidine		D	D	D	D	D	C	A	B
Benzidine 3 Sulfonic Acid		D	D	D	D	D	C	A	B
Benzil		D	D	D	D	D	C	A	B
Benzilic Acid		D	D	D	D	D	C	A	B
Benzine (Ligroin)		D	D	D	D	D	C	A	A
Benzocatechol		D	D	D	D	D	C	A	B
Benzochloride		D	D	D	D	D	A	A	C
Benzoic Acid		A	B	A	A	A	C	A	C
Benzoine		D	D	D	D	D	C	A	B
Benzonitrile		D	D	D	D	D	A	C	C
Benzophenone		D	D	D	D	D	B	A	D
Benzoquinone		D	D	D	D	D	B	A	D
Benzotrichloride		D	D	D	D	D	A	A	C
Benzotrifluoride		D	D	D	D	D	A	A	C
Benzoyl Chloride		D	D	D	D	D	D	A	D
Benzoyl Peroxide		D	D	D	D	D	D	D	D
Benzoylsulfonic Acid		D	D	D	D	D	C	A	B
Benzyl Acetate		D	D	D	D	D	A	C	C
Benzyl Acetate, pure - Ester, Aromatic		A	D	D	D	D	D	D	D
Benzyl Alcohol		B	D	D	D	D	B	A	C
Benzyl Amine		D	D	D	D	D	D	D	D
Benzyl Benzoate		D	D	D	D	D	C	A	C
Benzyl Bromide		D	D	D	D	D	C	A	C
Benzyl Butyl Phthalate		D	D	D	D	D	A	C	C
Benzyl Carbinol, pure - Alcohol, Aromatic		D	D	D	D	D	D	D	D
Benzyl Chloride		B	D	D	D	D	C	A	C
Benzyl Phenol		D	D	D	D	D	C	A	B
Benzyl Salicylate		D	D	D	D	D	C	A	B
Beryllium Chloride		D	D	D	D	D	A	A	A
Beryllium Fluoride		D	D	D	D	D	A	A	A
Beryllium Oxide		D	D	D	D	D	A	A	A
Beryllium Sulfate		D	D	D	D	D	A	C	C
beta-Mercaptoethanol, pure - Alcohol, Aliphatic, Mercaptan		D	D	D	D	D	D	D	D
Bis(2-ethylhexyl) Phthalate, pure - Ester, Aromatic		B	D	D	D	D	D	D	D
Bismuth Carbonate		D	D	D	D	D	A	C	C
Bismuth Nitrate		D	D	D	D	D	A	C	C
Bismuth Oxychloride		D	D	D	D	D	A	C	C
Bittern		D	D	D	D	D	D	D	D
Black Liquor		D	B	A	A	A	A	D	C
Black Point 77		D	D	D	D	D	A	A	A
Blast Furnace Gas		D	D	D	D	D	C	A	C
Bleach Liquor		D	D	D	D	D	A	A	C
Bleach Solutions		C	D	D	D	D	A	A	D
Borax		A	D	D	D	A	A	A	B
Borax Solutions		D	D	D	D	D	A	A	D
Bordeaux Mixture		D	D	D	D	D	A	A	B

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION	Polypropylene	316SS	Carbon	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Boric Acid		A	B	A	A	A	A	A
Boric Oxide		D	D	D	D	D	A	C
Borneol		D	D	D	D	D	C	A
Bornyl Acetate		D	D	D	D	D	C	A
Bornyl Chloride		D	D	D	D	D	C	A
Bornyl Formate		D	D	D	D	D	C	A
Boron Fluids (HEF)		D	D	D	D	D	C	A
Boron Hydride		D	D	D	D	D	D	D
Boron Phosphate		D	D	D	D	D	D	D
Boron Tribromide		D	D	D	D	D	D	D
Boron Trichloride		D	D	D	D	D	D	D
Boron Trifluoride		D	D	D	D	D	D	D
Boron Trioxide		D	D	D	D	D	D	D
Brake Fluid DOT3 (Glycol Type)		D	D	D	D	D	A	C
Bray GG-130		D	D	D	D	D	C	A
Brayco 719-R (VV-H-910)		D	D	D	D	D	A	C
Brayco 885 (MIL-L-6085A)		D	D	D	D	D	C	A
Brayco 910		D	D	D	D	D	A	C
Bret 710		D	D	D	D	D	A	C
Brine		A	C	A	A	D	A	A
Brine (Seawater)		D	D	D	D	D	C	A
Brom - 113		D	D	D	D	D	C	D
Brom - 114		D	D	D	D	D	C	B
Bromic Acid		D	D	D	D	D	A	C
Bromine		C	D	D	D	A	C	A
Bromine Pentafluoride		D	D	D	D	D	C	C
Bromine Trifluoride		D	D	D	D	D	C	C
Bromine Water		D	D	D	D	D	B	A
Bromobenzene		C	D	D	D	D	C	A
Bromobenzene Cyanide		D	D	D	D	D	A	C
Bromochloro Trifluoroethane (Halothane)		D	D	D	D	D	C	A
Bromoform		C	D	D	D	D	C	A
Bromomethane (Methyl Bromide)		D	D	D	D	D	C	A
Bromotrifluoroethylene (BFE)		D	D	D	D	D	D	D
Bromotrifluoromethane (F-13B1)		D	D	D	D	D	D	D
Brucine Sulfate		D	D	D	D	D	A	C
Buffered Oxide Etchants		D	D	D	D	D	D	D
Bunker Oil		D	D	D	D	D	C	A
Bunker's C (Fuel Oil)		D	A	A	A	D	C	A
Butadiene (Monomer)		C	A	A	A	A	C	A
Butane		C	A	A	A	A	C	A
Butane, 2, 2-Dimethyl		D	D	D	D	D	C	A
Butane, 2, 3-Dimethyl		D	D	D	D	D	C	A
Butanediol		D	D	D	D	D	A	C
Butanediol, pure - Alcohol, Aliphatic, Polyol		D	D	D	D	D	D	D
Butanol (Butyl Alcohol)		A	D	D	D	A	B	A
Butene 2-Ethyl (1-Butene 2-Ethyl)		D	D	D	D	D	C	A
Butter-Animal Fat		D	D	D	D	D	A	A
Butyl Acetate or n-Butyl Acetate		C	A	A	A	A	C	C
Butyl Acetyl Ricinoleate		D	D	D	D	D	A	A
Butyl Acrylate		D	D	D	D	D	A	C
Butyl Alcohol		A	A	A	A	D	C	A
Butyl Alcohol (Secondary)		D	D	D	D	D	B	A
Butyl Alcohol (Tertiary)		D	D	D	D	D	B	A
Butyl Amine or N-Butyl Amine		D	D	D	D	D	C	C
Butyl Benzoate		D	D	D	D	D	A	C
Butyl Benzoate or n-Butyl Benzoate		D	D	D	D	D	A	A
Butyl Benzolate		D	D	D	D	D	D	D
Butyl Butyrate or n-Butyl Butyrate		D	D	D	D	D	A	A

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Butyl Carbitol		D	D	D	D	D	A	C
Butyl Cellosolve		D	D	D	D	D	B	C
Butyl Cellosolve Acetate		D	D	D	D	D	A	C
Butyl Cellosolve Adipate		D	D	D	D	D	B	C
Butyl Chloride		C	D	D	D	D	C	A
Butyl Ether or n-Butyl Ether		D	D	D	D	D	C	C
Butyl Glycolate		D	D	D	D	D	A	C
Butyl Lactate		D	D	D	D	D	A	C
Butyl Laurate		D	D	D	D	D	A	C
Butyl Mercaptan (Tertiary)		D	D	D	D	D	C	A
Butyl Methacrylate		D	D	D	D	D	A	C
Butyl Oleate		D	D	D	D	D	B	A
Butyl Oxalate		D	D	D	D	D	A	C
Butyl Phthalate, pure - Ester, Aromatic		C	D	D	D	D	D	D
Butyl Stearate		D	D	D	D	D	C	A
Butylbenzoic Acid		D	D	D	D	D	C	A
Butylene		D	D	D	D	A	C	A
Butylene Glycol, pure - Alcohol, Aliphatic, Polyol		D	D	D	D	D	D	D
Butyraldehyde		D	D	D	D	D	B	C
Butyraldehyde, pure - Aldehyde, Aliphatic		D	D	D	D	D	D	D
Butyric Acid		C	B	A	A	A	C	C
Butyric Anhydride		D	D	D	D	D	A	C
Butyrolactone		D	D	D	D	D	A	C
Butyryl Chloride		D	D	D	D	D	C	A
Cadmium Chloride		D	D	D	D	D	A	C
Cadmium Cyanide		D	D	D	D	D	A	C
Cadmium Nitrate		D	D	D	D	D	A	C
Cadmium Oxide		D	D	D	D	D	A	C
Cadmium Sulfate		D	D	D	D	D	A	C
Cadmium Sulfide		D	D	D	D	D	A	C
Calcine Liquors		D	D	D	D	D	A	A
Calcium Acetate		D	D	D	D	D	A	C
Calcium Arsenate		D	D	D	D	D	A	C
Calcium Benzoate		D	D	D	D	D	C	A
Calcium Bicarbonate		D	D	D	D	D	A	C
Calcium Bisulfide		D	D	D	D	D	A	C
Calcium Bisulfite		A	A	A	A	A	A	C
Calcium Bromide		D	D	D	D	D	A	A
Calcium Carbide		D	D	D	D	D	D	D
Calcium Carbonate		D	A	A	A	D	A	A
Calcium Chlorate		D	D	D	D	A	A	C
Calcium Chloride		A	C	A	A	A	A	A
Calcium Chromate		D	D	D	D	D	A	C
Calcium Cyanamide		D	D	D	D	D	D	D
Calcium Cyanide		D	D	D	D	D	A	D
Calcium Fluoride		D	D	D	D	D	A	A
Calcium Gluconate		D	D	D	D	D	A	C
Calcium Hydride		D	D	D	D	D	A	A
Calcium Hydrosulfide		D	D	D	D	D	A	C
Calcium Hydroxide		A	B	A	A	A	A	A
Calcium Hypochlorite		A	C	C	A	A	A	B
Calcium Hypophosphite		D	D	D	D	D	A	C
Calcium Lactate		D	D	D	D	D	A	C
Calcium Naphthenate		D	D	D	D	D	D	D
Calcium Nitrate		D	D	D	D	D	A	A
Calcium Oxalate		D	D	D	D	D	A	C
Calcium Oxide		D	D	D	D	D	A	A
Calcium Permanganate		D	D	D	D	D	D	D
Calcium Peroxide		D	D	D	D	D	D	D

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Calcium Phenolsulfonate		D	D	D	D	D	A	C	C
Calcium Phosphate		D	D	D	D	D	A	A	A
Calcium Phosphate Acid		D	D	D	D	D	A	C	C
Calcium Propionate		D	D	D	D	D	A	C	C
Calcium Pyridine Sulfonate		D	D	D	D	D	D	D	D
Calcium Salts		A	D	D	D	D	A	A	A
Calcium Silicate		D	D	D	D	D	A	A	A
Calcium Stearate		D	D	D	D	D	C	A	B
Calcium Sulfamate		D	D	D	D	D	C	A	B
Calcium Sulfate		D	D	D	D	A	A	C	C
Calcium Sulfide		D	D	D	D	D	A	A	A
Calcium Sulfite		D	D	D	D	D	A	A	A
Calcium Thiocyanate		D	D	D	D	D	A	C	C
Calcium Thiosulfate		D	D	D	D	D	A	A	B
Calcium Tungstate		D	D	D	D	D	A	C	C
Caliche Liquors		D	D	D	D	D	A	A	A
Camphene		D	D	D	D	D	C	A	B
Camphor		D	D	D	D	D	C	A	B
Camphoric Acid		D	D	D	D	D	C	A	B
Cane Sugar Liquors		D	D	D	D	A	A	A	A
Capric Acid		D	D	D	D	D	C	A	A
Caproic Acid		D	D	D	D	D	C	A	A
Caproic Aldehyde		D	D	D	D	D	B	C	D
Caprolactam		D	A	A	A	D	C	D	D
Capronaldehyde		D	D	D	D	D	C	A	A
Carbamate		D	D	D	D	D	B	A	C
Carbazole		A	D	D	D	D	D	D	D
Carbitol		A	D	D	D	D	B	B	B
Carbolic Acid (Phenol)		D	D	D	D	A	B	A	C
Carbon Bisulfide		D	D	D	D	A	C	A	C
Carbon Dioxide		A	A	A	A	A	A	A	A
Carbon Dioxide (Explosive Decompression Use)		D	D	D	D	D	A	A	A
Carbon Disulfide		C	D	D	D	D	C	A	C
Carbon Fluorides		D	D	D	D	D	C	A	B
Carbon Monoxide		D	A	A	A	D	A	A	A
Carbon Tetrabromide		D	D	D	D	D	D	D	D
Carbon Tetrachloride		B	B	A	A	D	C	A	C
Carbon Tetrafluoride		D	D	D	D	A	C	A	B
Carbonic Acid		A	D	D	D	A	A	A	B
Casein		D	D	D	D	D	A	C	C
Castor Oil		D	A	A	A	D	C	A	A
Caustic Lime		D	D	D	D	D	A	C	C
Caustic Potash		A	D	D	D	D	A	C	C
Caustic Soda (Sodium Hydroxide)		A	D	D	D	A	A	C	C
Cedarwood Oil, pure - Misc.		C	D	D	D	D	D	D	D
Cellosolve		B	D	D	D	D	B	C	C
Cellosolve Butyl		D	D	D	D	D	B	C	C
Cellosolve, Acetate		C	D	D	D	D	B	C	C
Celluguard		D	D	D	D	D	A	A	A
Cellulose Acetate		D	D	D	D	D	A	C	C
Cellulose Acetate Butyrate		D	D	D	D	D	A	C	C
Cellulose Ether		D	D	D	D	D	A	C	C
Cellulose Nitrate		D	D	D	D	D	A	C	C
Cellulose Tripropionate		D	D	D	D	D	A	C	C
Cellulube (Phosphate Esters)		D	D	D	D	D	D	D	D
Cellutherm 2505A		D	D	D	D	D	C	A	B
Cerium Sulfate		D	D	D	D	D	A	C	C
Cerous Chloride		D	D	D	D	D	A	C	C
Cerous Fluoride		D	D	D	D	D	A	C	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION	Polypropylene	316SS	Carbon	PTE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
	Cerous Nitrate	D	D	D	D	A	C	C
	Cesium Acetate, pure - Salt, Organic	A	D	D	D	D	D	D
	Cesium Bromide, pure - Salt, Inorganic	A	D	D	D	D	D	D
	Cesium Chloride, pure - Salt, Inorganic	A	D	D	D	D	D	D
	Cesium Formate, pure - Salt, Organic	A	D	D	D	D	D	D
	Cesium Iodide, pure - Salt, Inorganic	A	D	D	D	D	D	D
	Cesium Sulfate, pure - Salt, Inorganic	A	D	D	D	D	D	D
	Cesium Trichloroacetate, pure - Salt, Organic, Halogenated	A	D	D	D	D	D	D
	Cesium Trifluoroacetate, pure - Salt, Organic, Halogenated	A	D	D	D	D	D	D
	Cetane (Hexadecane)	D	D	D	D	C	A	A
	Cetyl Alcohol	A	D	D	D	C	A	A
	Chaulmoogric Acid	D	D	D	D	D	D	D
	China Wood Oil (Tung Oil)	D	D	D	D	C	A	A
	Chloral	D	D	D	D	A	C	C
	Chloramine	D	D	D	D	D	D	D
	Chloranthraquinone	D	D	D	D	C	A	B
	Chlordane	D	D	D	D	C	A	B
	Chlorextol	D	D	D	D	C	A	B
	Chloric Acid	D	D	D	D	A	C	C
	Chlorinated Solvents, Dry	D	D	D	D	C	A	C
	Chlorinated Solvents, Wet	D	D	D	D	C	A	C
	Chlorine (Dry)	C	D	D	D	C	A	B
	Chlorine (Plasma)	D	D	D	D	D	D	D
	Chlorine (Wet)	C	C	A	A	D	C	C
	Chlorine Dioxide	D	C	A	A	D	C	A
	Chlorine Dioxide, 8% Cl as NaClO ₂ in solution	D	D	D	D	C	A	C
	Chlorine Trifluoride	D	D	D	D	C	C	C
	Chlorine Water	D	D	D	D	B	A	C
	Chlorine, Dry	D	D	D	D	A	D	B
	Chlorine, Wet	D	D	D	D	A	D	B
	Chloro 1-Nitro Ethane (1-Chloro 1-Nitro Ethane)	D	D	D	D	C	C	C
	Chloro Oxyfluorides	D	D	D	D	D	D	D
	Chloro Xylenols	D	D	D	D	C	A	B
	Chloroacetaldehyde	D	D	D	D	A	C	C
	Chloroacetic Acid	A	C	A	A	D	C	C
	Chloroacetone	D	D	D	D	A	C	C
	Chloroacetyl Chloride	D	D	D	D	D	D	D
	Chloroamino Benzoic Acid	D	D	D	D	A	C	C
	Chloroaniline	D	D	D	D	A	C	C
	Chlorobenzaldehyde	D	D	D	D	A	C	C
	Chlorobenzene	C	C	A	A	A	C	A
	Chlorobenzene (Mono)	D	D	D	D	C	A	C
	Chlorobenzene Chloride	D	D	D	D	C	A	B
	Chlorobenzene Trifluoride	D	D	D	D	C	A	B
	Chlorobenzochloride	D	D	D	D	C	A	B
	Chlorobenzotrifluoride	D	D	D	D	C	A	B
	Chlorobromo Methane	D	D	D	D	B	A	C
	Chlorobromopropane	D	D	D	D	C	A	B
	Chlorobutadiene	D	D	D	D	C	A	C
	Chlorobutane (Butyl Chloride)	C	D	D	D	C	A	A
	Chlorodifluoromethane, pure - Hydrocarbon, Aliphatic, Halogenated	D	D	D	D	D	D	D
	Chlorododecane	D	D	D	D	C	A	C
	Chloroethane	C	D	D	D	C	A	A
	Chloroethane Sulfonic Acid	D	D	D	D	A	C	C
	Chloroethylbenzene	D	D	D	D	C	A	B
	Chloroform	C	B	A	A	A	C	A
	Chlorohydrin	D	D	D	D	A	C	C
	Chloromethyl Benzene, pure - Hydrocarbon, Aromatic, Halogenated	B	D	D	D	D	D	D
	Chloronaphthalene or o-Chloronaphthalene	D	D	D	D	C	A	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Chloronitrobenzene		D	D	D	D	D	A	C
Chlorophenol or o-Chlorophenol		D	D	D	D	D	C	A
Chloropicrin		D	D	D	D	D	C	A
Chloroprene		D	D	D	D	D	C	A
Chlorosilanes		D	D	D	D	D	D	D
Chlorosulfonic Acid		D	D	D	D	A	C	C
Chlorosulphonic Acid, pure - Acid, Organic, Aromatic, Halogenated		C	D	D	D	D	D	D
Chlorotoluene		D	D	D	D	D	C	A
Chlorotoluene Sulfonic Acid		D	D	D	D	D	A	C
Chlorotoluene, pure - Hydrocarbon, Aromatic, Halogenated		B	D	D	D	D	D	D
Chlorotoluidine		D	D	D	D	D	C	A
Chlorotrifluoroethylene (CTFE)		D	D	D	D	D	D	D
Chlorox		D	D	D	D	D	B	A
Chloroxylols		D	D	D	D	D	D	D
Cholesterol		D	D	D	D	D	C	A
Chrome Alum		D	D	D	D	A	A	A
Chrome Plating Solutions		D	D	D	D	D	B	A
Chromic Acid		C	D	D	D	A	B	A
Chromic Chloride		D	D	D	D	D	D	D
Chromic Fluorides		D	D	D	D	D	D	D
Chromic Hydroxide		D	D	D	D	D	D	D
Chromic Nitrates		D	D	D	D	D	D	D
Chromic Oxide		D	D	D	D	D	B	A
Chromic Phosphate		D	D	D	D	D	D	D
Chromic Sulfate		D	D	D	D	D	D	D
Chromic:Sulfuric Acid Mixture, 96% - Acid, Inorganic, Oxidizer		C	D	D	D	D	D	D
Chromium Potassium Sulfate (Alum)		D	D	D	D	D	B	A
Chromyl Chlorides		D	D	D	D	D	D	D
Cinnamic Acid		D	D	D	D	D	C	A
Cinnamic Alcohol		D	D	D	D	D	C	A
Cinnamic Aldehyde		D	D	D	D	D	C	A
Cinnamon Oil, pure - Misc.		C	D	D	D	D	D	D
Circo Light Process Oil		D	D	D	D	D	C	A
Citric Acid		A	B	A	A	A	A	A
City Service #65 #120 #250		D	D	D	D	D	C	A
City Service Koolmoter-AP Gear Oil 140-EP lube		D	D	D	D	D	C	A
City Service Pacemaker #2		D	D	D	D	D	C	A
Clorox		D	D	D	D	D	B	A
Coal Tar		D	A	A	A	D	C	A
Cobalt Chloride		D	D	D	D	D	A	A
Cobalt Chloride, 2N		D	D	D	D	D	A	A
Cobaltous Acetate		D	D	D	D	D	A	C
Cobaltous Bromide		D	D	D	D	D	A	A
Cobaltous Linoleate		D	D	D	D	D	D	D
Cobaltous Naphthenate		D	D	D	D	D	D	D
Cobaltous Sulfate		D	D	D	D	D	A	C
Coconut Oil		D	D	D	D	D	C	A
Cod Liver Oil		D	D	D	D	D	A	A
Codeine		D	D	D	D	D	C	A
Coffee		D	D	D	D	A	A	A
Coke Oven Gas		D	D	D	D	A	C	A
Coliche Liquors		D	D	D	D	D	B	D
Convelex 10		D	D	D	D	D	D	C
Coolanol 20 25R 35R 40& 45A (Monsanto)		D	D	D	D	D	C	A
Copper Acetate		D	B	A	A	A	A	C
Copper Ammonium Acetate		D	A	A	A	D	A	C
Copper Carbonate		D	D	D	D	D	A	C
Copper Chloride		D	C	A	A	A	A	A
Copper Cyanide		D	B	A	A	D	A	A

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Copper Gluconate		D	D	D	D	D	A	C	C
Copper Naphthenate		D	D	D	D	D	D	D	D
Copper Nitrate		D	B	A	A	D	A	D	B
Copper Oxide		D	D	D	D	D	A	A	A
Copper Salts		A	D	D	D	D	A	A	A
Copper Sulfate		D	D	D	D	A	A	A	A
Copper Sulfate 10%		D	B	A	A	D	A	A	A
Copper Sulfate 50%		D	B	A	A	D	A	A	A
Corn Oil		D	A	A	A	D	C	A	A
Cottonseed Oil		A	A	A	A	A	C	A	A
Creosote, Coal Tar		D	B	A	A	A	C	A	A
Creosote, Wood		D	D	D	D	A	C	A	A
Cresol (Methyl Phenol)		B	D	D	D	D	D	A	D
Cresols		D	D	D	D	D	C	B	C
Cresylic Acid		D	B	A	A	A	C	A	C
Crotonaldehyde		D	D	D	D	D	C	A	B
Crotonic Acid		D	D	D	D	D	C	A	B
Crude Oil		D	A	A	A	D	C	A	B
Culture Media - Misc.		A	D	D	D	D	D	D	D
Cumaldehyde		D	D	D	D	D	C	A	B
Cumene		C	B	A	A	D	C	A	C
Cumene Hydroperoxide		D	D	D	D	D	D	D	D
Cupric Sulfate		D	D	D	D	D	B	A	B
Cutting Oil		D	A	A	A	D	C	A	A
Cyanamide		D	D	D	D	D	D	D	D
Cyanides		D	D	D	D	D	D	D	D
Cyanogen Chloride		D	D	D	D	D	D	D	D
Cyanogen Gas		D	D	D	D	D	D	D	D
Cyanohydrin		D	D	D	D	D	D	D	D
Cyanuric Chloride		D	D	D	D	D	D	D	D
Cyclohexane		D	B	A	A	D	C	A	A
Cyclohexanol		A	A	A	A	D	C	A	A
Cyclohexanone		C	B	A	A	D	C	C	C
Cyclohexene		B	D	D	D	D	C	A	B
Cyclohexylamine		D	D	D	D	D	C	A	A
Cyclohexylamine Carbonate		D	D	D	D	D	D	D	D
Cyclohexylamine Laurate		D	D	D	D	D	C	A	A
Cyclopentadiene		D	D	D	D	D	C	A	B
Cyclopentane		C	D	D	D	D	C	A	A
Cyclopolyolefins		D	D	D	D	D	C	A	A
Cymene or p-Cymene		D	D	D	D	D	C	A	C
DDT (Dichlorodiphenyltrichloroethane)		D	D	D	D	D	C	A	B
Decahydronaphthalene, pure - Hydrocarbon, Aromatic		C	D	D	D	D	D	D	D
Decalin		C	D	D	D	D	C	A	C
Decane		C	D	D	D	D	C	A	A
Delco Brake Fluid		D	D	D	D	D	A	C	C
Denatured Alcohol		D	D	D	D	D	A	A	A
Deoxycholate, pure - Detergent		D	D	D	D	D	D	D	D
DEPC, pure - Misc.		A	D	D	D	D	D	D	D
Detergent, Water Solution		A	D	D	D	D	A	A	A
Developing Fluids (Photo)		D	D	D	D	D	B	A	A
Dexron		D	D	D	D	D	C	A	A
Dextran Sulfate, pure - Misc., Sugar		A	D	D	D	D	D	D	D
Dextran, pure - Misc., Sugar		A	D	D	D	D	D	D	D
Dextrin		D	D	D	D	D	C	A	A
Dextro Lactic Acid		D	D	D	D	D	A	C	C
Dextron		D	D	D	D	D	C	A	A
Dextrose		D	A	A	A	D	A	D	D
DI Water		A	D	D	D	D	A	B	B

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Diacetone		B	D	D	D	D	A	C
Diacetone Alcohol		B	A	A	A	A	A	C
Dialkyl Sulfates		D	D	D	D	D	A	C
Diallyl Ether		D	D	D	D	D	D	D
Diallyl Phthalate		D	D	D	D	D	D	D
Diamylamine		D	D	D	D	D	C	A
Diazinon		D	D	D	D	D	C	B
Diazo Salts - Misc., Salts		D	D	D	D	D	D	D
Dibasic Potassium Phosphate, pure - Salt, Inorganic		A	D	D	D	D	D	D
Dibasic Sodium Phosphate, pure - Salt, Inorganic		A	D	D	D	D	D	D
Dibenzopyrrole, pure - Hydrocarbon, Aromatic, Heterocyclic		A	D	D	D	D	D	D
Dibenzyl (sym-Diphenylethane)		D	D	D	D	D	C	A
Dibenzyl Ether		D	D	D	D	D	B	C
Dibenzyl Sebacate		D	D	D	D	D	B	B
Diborane		D	D	D	D	D	D	D
Dibromoethane		D	D	D	D	D	C	A
Dibromoethyl Benzene		D	D	D	D	D	C	A
Dibutyl Cellosolve Adipate		D	D	D	D	D	A	C
Dibutyl Ether		D	A	A	A	D	C	C
Dibutyl Methylenedithio Glycolate		D	D	D	D	D	C	A
Dibutyl Phthalate		B	A	A	A	D	C	C
Dibutyl Sebacate		D	D	D	D	D	B	B
Dibutyl Thioglycolate		D	D	D	D	D	C	A
Dibutyl Thiourea		D	D	D	D	D	C	A
Dibutylamine		D	A	A	A	D	D	C
Dichloroacetic Acid		D	D	D	D	D	C	A
Dichloroaniline		D	D	D	D	D	A	C
Dichlorobenzene or o-Dichlorobenzene		C	D	D	D	D	C	A
Dichlorobenzene or p-Dichlorobenzene		C	D	D	D	D	C	A
Dichlorobutane		D	D	D	D	D	C	A
Dichlorobutene		D	D	D	D	D	C	A
Dichlorodifluoromethane, pure - Hydrocarbon, Aliphatic, Halogenated		A	D	D	D	D	D	D
Dichlorodiphenyl-Dichloroethane (DDD)		D	D	D	D	D	C	A
Dichloroethane		C	A	A	A	D	C	A
Dichloroethylene		A	B	A	A	D	C	A
Dichlorohydrin		D	B	A	A	D	A	C
Dichloroisopropyl Ether		D	D	D	D	D	C	C
Dichloromethane		D	D	D	D	D	C	A
Dichlorophenol		C	D	D	D	D	C	A
Dichlorophenoxyacetic Acid		D	D	D	D	D	C	A
Dichloropropane		D	D	D	D	D	C	A
Dichloropropene		D	D	D	D	D	C	A
Dichlorosilane		D	D	D	D	D	D	D
Dicyclohexylamine		D	D	D	D	D	C	C
Dicyclohexylammonium Nitrate		D	D	D	D	D	A	C
Dieldrin		D	D	D	D	D	C	A
Diesel Oil		D	A	A	A	D	C	A
Di-ester Lubricant MIL-L-7808		D	D	D	D	D	C	A
Di-ester Synthetic Lubricants		D	D	D	D	D	C	A
Diethanolamine (DEA)		A	D	D	D	D	A	C
Diethyl Acetamide, pure - Amine, Aliphatic		D	D	D	D	D	D	D
Diethyl Benzene		C	D	D	D	D	D	A
Diethyl Carbonate		D	A	A	A	D	D	D
Diethyl Ether		C	A	A	A	D	C	C
Diethyl Ketone, pure - Ketone, Aliphatic		B	D	D	D	D	D	D
Diethyl Malonate, pure - Ester, Aliphatic		A	D	D	D	D	D	D
Diethyl Phthalate		D	D	D	D	D	C	A
Diethyl Sebacate		D	D	D	D	D	B	B
Diethyl Sulfate		D	D	D	D	D	A	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	PTFE (Teflon-type)	Ceramic	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Diethylacetamide, pure - Amine, Aliphatic		D	D	D	D	D	D	D	D
Diethylamine		D	A	A	A	A	D	C	B
Diethylamine, pure - Amine, Aliphatic		B	D	D	D	D	D	D	D
Diethylaniline		D	D	D	D	D	A	C	C
Diethylene Dioxide, pure - Ether, Cyclic		C	D	D	D	D	D	D	D
Diethylene Glycol		A	A	A	A	D	A	A	A
Diethylenetriamine		D	A	A	A	D	C	C	D
Diethylpyrocarbonate, pure - Misc.		A	D	D	D	D	D	D	D
Difluorodibromomethane		D	D	D	D	D	B	D	C
Difluoroethane		D	D	D	D	D	C	A	B
Difluoromonoethanol		D	D	D	D	D	C	A	B
Diglycol Chloroformate		D	D	D	D	D	A	C	C
Diglycolic Acid		D	D	D	D	D	A	C	C
Dihydroxydiphenylsulfone		D	D	D	D	D	A	C	C
Diisobutyl Ketone		D	A	A	A	D	A	C	D
Diisobutylcarbinol		D	D	D	D	D	C	A	A
Diisobutylene		D	D	D	D	D	C	A	B
Diisooctyl Sebacate		D	D	D	D	D	C	B	C
Diisopropyl Ether (DIPE)		D	D	D	D	D	D	D	D
Diisopropyl Ketone		D	A	A	A	D	A	C	C
Diisopropylbenzene		D	D	D	D	D	C	A	B
Diisopropylidene Acetone		D	D	D	D	D	C	A	B
Dimethyl Acetamide		A	D	D	D	D	A	C	C
Dimethyl Aniline (Xylidine)		D	D	D	D	D	C	A	B
Dimethyl Disulfide (DMDS)		D	D	D	D	D	C	A	A
Dimethyl Ether		D	D	D	D	D	B	B	A
Dimethyl Formaldehyde		D	D	D	D	D	A	C	C
Dimethyl Formamide (DMF)		A	A	A	A	D	A	C	C
Dimethyl Hydrazine		D	A	A	A	D	A	C	C
Dimethyl Phenyl Carbinol		D	D	D	D	D	C	A	B
Dimethyl Phenyl Methanol		D	D	D	D	D	C	A	B
Dimethyl Phthalate		A	D	D	D	D	B	B	C
Dimethyl Sulfoxide (DMSO)		A	D	D	D	D	A	C	C
Dimethyl Terephthalate (DMT)		D	A	A	A	D	C	D	C
Dimethylamine (DMA)		B	A	A	A	D	D	C	C
Dinitrochlorobenzene		D	A	A	A	D	C	D	C
Dinitrogen Tetroxide		D	D	D	D	D	D	D	D
Dinitrotoluene (DNT)		D	D	D	D	D	C	C	C
Diocetyl Phthalate		B	A	A	A	D	C	B	C
Diocetyl Sebacate		D	D	D	D	D	B	B	C
Diocetylamine		D	D	D	D	D	C	A	A
Dioxane		C	D	D	D	D	B	C	C
Dioxolane		D	D	D	D	D	B	C	C
Dipentene		D	D	D	D	D	C	A	B
Diphenyl		D	A	A	A	D	C	A	C
Diphenyl Oxides		D	D	D	D	D	C	A	C
Diphenylamine (DPA)		A	D	D	D	D	C	A	B
Diphenylene Oxide		D	D	D	D	D	D	D	D
Diphenylpropane		D	D	D	D	D	C	A	B
Dipotassium Hydrogen Phosphate, pure - Salt, Inorganic		A	D	D	D	D	D	D	D
Dipropylene Glycol, pure - Alcohol, Aliphatic, Polyol		A	D	D	D	D	D	D	D
Disilane		D	D	D	D	D	D	D	D
Disodium Hydrogen Phosphate, pure - Salt, Inorganic		A	D	D	D	D	D	D	D
Distilled Water, pure - Misc.		A	A	A	A	D	A	A	A
Di-Tert-Butyl Peroxide		D	D	D	D	D	D	D	D
DMAC, pure - Amine, Aliphatic		A	D	D	D	D	D	D	D
DMF, pure - Amine, Aliphatic		A	D	D	D	D	D	D	D
DMSO, pure - Misc.		A	D	D	D	D	D	D	D
Dodecyl Alcohol, pure - Alcohol, Aliphatic		D	D	D	D	D	D	D	D

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Dodecylbenzene		D	D	D	D	D	C	B
Dow Chemical 50-4		D	D	D	D	D	A	C
Dow Chemical ET378		D	D	D	D	D	D	C
Dow Chemical ET588		D	D	D	D	D	A	C
Dow Corning -11		D	D	D	D	D	A	A
Dow Corning 1208, 4050, 6620, F-60, xF-60		D	D	D	D	D	A	A
Dow Corning -1265 Fluorosilicone Fluid		D	D	D	D	D	A	A
Dow Corning -200		D	D	D	D	D	A	A
Dow Corning 220		D	D	D	D	D	A	A
Dow Corning -3		D	D	D	D	D	A	A
Dow Corning -33		D	D	D	D	D	A	A
Dow Corning -4		D	D	D	D	D	A	A
Dow Corning -44		D	D	D	D	D	A	A
Dow Corning -5		D	D	D	D	D	A	A
Dow Corning -510		D	D	D	D	D	A	A
Dow Corning -55		D	D	D	D	D	A	A
Dow Corning -550		D	D	D	D	D	A	A
Dow Corning -704		D	D	D	D	D	A	A
Dow Corning -705		D	D	D	D	D	A	A
Dow Corning -710		D	D	D	D	D	A	A
Dow Corning F-61		D	D	D	D	D	A	A
Dow Guard		D	D	D	D	D	A	A
Dowanol P Mix		D	D	D	D	D	D	D
Dowtherm, 209		D	D	D	D	A	A	C
Dowtherm, A		D	A	A	A	A	C	A
Dowtherm, E		D	D	D	D	A	C	A
Drinking Water		A	D	D	D	D	A	A
Dry Cleaning Fluids		D	D	D	D	D	C	A
DTE 20 Series, Mobil		D	D	D	D	D	C	A
DTE named series, Mobil, light-heavy		D	D	D	D	D	C	A
EDTA, pure - Misc., Chelator		A	D	D	D	D	D	D
Elco 28-EP lubricant		D	D	D	D	D	C	A
Epichlorohydrin		D	B	A	A	D	C	C
Epoxy Resins		D	D	D	D	D	A	C
Erucic Acid		D	D	D	D	D	D	D
Esam-6 Fluid		D	D	D	D	D	A	C
Esso Fuel 208		D	D	D	D	D	C	A
Esso Golden Gasoline		D	D	D	D	D	C	A
Esso Motor Oil		D	D	D	D	D	C	A
Esso Transmission fluid (Type A)		D	D	D	D	D	C	A
Esso WS2812 (MIL-L-7808A)		D	D	D	D	D	C	A
Esso XP90-EP lubricant		D	D	D	D	D	C	A
Esstic 42, 43		D	D	D	D	D	C	A
Ethane		D	A	A	A	D	C	A
Ethanol		A	A	A	A	D	A	C
Ethanol Amine		D	D	D	D	D	A	C
Ethanolamine, pure - Amine, Aliphatic		D	A	A	A	D	C	C
Ethers		C	D	D	D	A	C	C
Ethoxyethyl Acetate (EGMEEA)		D	D	D	D	D	A	C
Ethyl Acetate, pure - Ester, Aliphatic		B	D	D	D	D	D	D
Ethyl Acetate-Organic Ester		D	D	D	D	A	B	C
Ethyl Acetoacetate		D	D	D	D	D	B	C
Ethyl Acrylate		D	D	D	D	A	B	C
Ethyl Alcohol		A	A	A	A	A	A	C
Ethyl Ammonium Dichloride		D	D	D	D	D	D	D
Ethyl Benzene		C	B	A	A	D	C	A
Ethyl Benzoate		B	D	D	D	D	C	A
Ethyl Bromide		D	A	A	A	D	C	A
Ethyl Butyrate, pure - Ester, Aliphatic		B	D	D	D	D	D	D

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Ethyl Cellosolve		D	D	D	D	B	C	C
Ethyl Cellulose		D	B	A	A	D	C	C
Ethyl Chloride		C	A	A	A	A	C	A
Ethyl Chlorocarbonate		D	D	D	D	D	B	A
Ethyl Chloroformate		D	D	D	D	D	B	C
Ethyl Cyanoacetate, pure - Ester, Aliphatic, Cyano		A	D	D	D	D	D	D
Ethyl Digol, pure - Ether, Aliphatic, Polyol		A	D	D	D	D	D	D
Ethyl Ether		C	A	A	A	D	C	C
Ethyl Formate		D	D	D	D	D	B	A
Ethyl Hexanol		D	D	D	D	D	A	A
Ethyl Lactate		A	D	D	D	D	A	C
Ethyl Mercaptan		D	D	D	D	D	D	B
Ethyl Nitrite		D	D	D	D	D	A	C
Ethyl Oxalate		D	D	D	D	D	A	B
Ethyl Pentachlorobenzene		D	D	D	D	D	C	A
Ethyl Pyridine		D	D	D	D	D	C	A
Ethyl Silicate		D	D	D	D	D	A	A
Ethyl Stearate		D	D	D	D	D	C	A
Ethyl Sulfate		D	B	A	A	D	D	C
Ethyl Tertiary Butyl Ether		D	D	D	D	D	D	D
Ethyl Valerate		D	D	D	D	D	C	A
Ethylacrylic Acid		D	D	D	D	D	B	D
Ethylamine		D	D	D	D	D	A	C
Ethylcyclopentane		D	D	D	D	D	C	A
Ethylene		D	A	A	A	D	C	C
Ethylene Chloride		C	D	D	D	D	C	B
Ethylene Chlorohydrin		D	D	D	D	D	B	A
Ethylene Cyanohydrin		D	D	D	D	D	C	A
Ethylene Diamine		A	D	D	D	D	A	C
Ethylene Dibromide		D	D	D	D	D	C	A
Ethylene Dichloride		C	B	A	A	D	C	D
Ethylene Glycol		A	A	A	A	A	A	A
Ethylene Glycol Monobutyl Ether, pure - Ether, Aliphatic, Polyol		D	D	D	D	D	D	D
Ethylene Glycol Monoethyl Ether Acetate, pure - Ether, Aliphatic, Ester		D	D	D	D	D	D	D
Ethylene Glycol Monoethyl Ether, pure - Ether, Aliphatic, Polyol		B	D	D	D	D	D	D
Ethylene Glycol Monomethyl Ether Acetate, pure - Ether, Aliphatic, Ester		C	D	D	D	D	D	D
Ethylene Glycol Monomethyl Ether, pure - Ether, Aliphatic, Polyol		B	D	D	D	D	D	D
Ethylene Hydrochloride		D	D	D	D	D	C	A
Ethylene Nitrate, pure - Misc.		D	D	D	D	D	D	D
Ethylene Oxide		C	B	A	A	A	C	C
Ethylene Oxide, (12%) and Freon 12 (80%)		D	D	D	D	D	B	C
Ethylene Trichloride		D	A	A	A	D	C	A
Ethyleneimine		D	D	D	D	D	D	D
Ethylmorpholine Stannous Octotatate (50/50 mix)		D	D	D	D	D	B	C
Ethylmorpholine		D	D	D	D	D	C	A
Ethylsulfuric Acid		D	D	D	D	D	A	C
EtO Gas, pure - Ether, Cyclic		A	D	D	D	D	D	D
EtO Liquid, pure - Ether, Cyclic		C	D	D	D	D	D	D
EtO, 100% - Ether, Cyclic		C	D	D	D	D	D	D
EtO, pure - Ether, Cyclic		C	D	D	D	D	D	D
F-60 Fluid (Dow Corning)		D	D	D	D	D	A	A
F-61 Fluid (Dow Corning)		D	D	D	D	D	A	A
Fatty Acids		A	D	D	D	A	C	A
FC-43 Heptacosfluorotri-butylamine		D	D	D	D	D	A	A
FC75 & FC77 (Fluorocarbon)		D	D	D	D	D	A	B
Ferric Acetate		D	D	D	D	D	A	C
Ferric Ammonium Sulfate		D	D	D	D	D	A	C
Ferric Chloride		A	C	C	A	A	A	A
Ferric Ferrocyanide		D	D	D	D	D	A	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Ferric Hydroxide		D	B	A	A	D	A	C
Ferric Nitrate		D	B	A	A	A	A	A
Ferric Persulfate		D	D	D	D	D	A	A
Ferric Sulfate		A	D	A	A	D	A	A
Ferrous Ammonium Citrate		D	D	D	D	D	A	C
Ferrous Ammonium Sulfate		D	D	D	D	D	A	C
Ferrous Carbonate		D	D	D	D	D	A	C
Ferrous Chloride		A	C	A	A	A	A	C
Ferrous Iodide		D	D	D	D	D	A	C
Ferrous Sulfate		A	C	A	A	A	A	D
Ferrous Tartrate		D	D	D	D	D	A	C
Ficoll-Hypaque - Misc.		A	D	D	D	D	D	D
Fish Oil		D	D	D	D	A	C	A
Fisher Reagent		D	D	D	D	D	B	D
Fluorides - Salt, Inorganic		A	D	D	D	D	D	D
Fluorinated Cyclic Ethers		D	D	D	D	D	A	D
Fluorine (Gas)		C	D	D	D	D	D	D
Fluorine (Liquid)		D	D	D	D	D	C	B
Fluorobenzene		D	D	D	D	D	C	A
Fluoroboric Acid		D	D	D	D	D	A	D
Fluorocarbon Oils		D	D	D	D	D	A	D
Fluoroform (Trifluoromethane)		D	D	D	D	D	D	D
Fluorolube		D	D	D	D	D	A	B
Fluorophosphoric Acid		D	D	D	D	D	D	D
Fluorosilicic Acid		A	C	C	A	A	B	B
Fluorosulfonic Acid		D	D	D	D	D	D	D
Formaldehyde		A	A	A	A	A	C	C
Formalin, 10% - Aldehyde, Aliphatic		A	D	D	D	D	D	D
Formalin, 30% - Aldehyde, Aliphatic		A	D	D	D	D	D	D
Formalin, 37% - Aldehyde, Aliphatic		A	D	D	D	D	D	D
Formalin, 40% - Aldehyde, Aliphatic		A	D	D	D	D	D	D
Formalin, 5% - Aldehyde, Aliphatic		A	D	D	D	D	D	D
Formalin, pure - Aldehyde, Aliphatic		A	D	D	D	D	D	D
Formamide		D	B	A	A	D	D	C
Formic Acid		A	C	A	A	A	D	C
Freon, 11		D	A	A	A	A	C	C
Freon, 112		D	A	A	A	A	C	A
Freon, 113		D	A	A	A	A	C	C
Freon, 113 + High and Low Aniline Oil		D	D	D	D	A	D	A
Freon, 114		D	A	A	A	A	D	A
Freon, 114B2		D	D	D	D	A	C	B
Freon, 115, 116		D	A	A	A	A	D	C
Freon, 12		A	A	A	A	A	C	D
Freon, 12 and ASTM Oil #2(50/50 Mixture)		D	D	D	D	A	C	A
Freon, 12 and Suniso 4G(50/50 Mixture)		D	D	D	D	A	C	A
Freon, 123 (Dichlorotrifluoroethane)		D	D	D	D	A	D	D
Freon, 124 (Chlorotetrafluoroethane)		D	D	D	D	A	D	D
Freon, 125 (Pentafluoroethane)		D	D	D	D	A	D	D
Freon, 13		D	A	A	A	A	D	A
Freon, 134a (Tetrafluoroethane)		D	D	D	D	A	A	D
Freon, 13B1		D	D	D	D	A	A	A
Freon, 14		D	A	A	A	A	D	A
Freon, 141b (Dichlorofluoroethane)		D	D	D	D	A	D	D
Freon, 142b		D	D	D	D	A	C	B
Freon, 152a (Difluoroethane)		D	D	D	D	A	D	D
Freon, 21		D	A	A	A	A	C	C
Freon, 218		D	D	D	D	A	A	A
Freon, 22		D	A	A	A	A	C	C
Freon, 22 and ASTM Oil #2(50/50 Mixture)		D	D	D	D	A	C	B

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
Freon, 23 (Fluoroform)		D	D	D	D	A	D	D	D
Freon, 31		D	A	A	A	A	D	C	C
Freon, 32		D	A	A	A	A	D	C	A
Freon, 502		D	D	D	D	A	A	B	B
Freon, BF		D	D	D	D	A	C	A	B
Freon, C316		D	D	D	D	A	A	A	A
Freon, C318		D	D	D	D	A	A	B	A
Freon, K-142b		D	D	D	D	A	A	C	A
Freon, K-152a		D	D	D	D	A	A	C	A
Freon, MF		D	D	D	D	A	C	B	B
Freon, PCA		D	D	D	D	A	C	B	A
Freon, pure - Hydrocarbon, Aliphatic, Halogenated		A	D	D	D	D	D	D	D
Freon, TA		D	D	D	D	A	B	C	A
Freon, TC		D	D	D	D	A	B	A	A
Freon, TF		A	D	D	D	A	C	B	A
Freon, TMC		D	D	D	D	A	C	A	B
Freon, T-P35		D	D	D	D	A	A	A	A
Freon, T-WD602		D	D	D	D	A	B	A	B
Fuel Oil, #6		D	A	A	A	A	C	A	B
Fuel Oil, 1, and 2		D	A	A	A	A	C	A	A
Fuel Oil, Acidic		D	D	D	D	A	C	A	A
Fuel Oil, pure - Hydrocarbon, Mixture		A	D	D	D	D	D	D	D
Fumaric Acid		D	D	D	D	D	B	A	A
Fuming Sulphuric Acid (20/25% Oleum)		D	D	D	D	D	C	A	C
Furaldehyde		D	D	D	D	D	B	C	C
Furan (Furfuran)		D	D	D	D	A	C	A	C
Furfural (Furfuraldehyde)		C	B	A	A	D	C	C	C
Furfuraldehyde		C	D	D	D	D	B	C	C
Furfuryl Alcohol		D	A	A	A	D	C	C	C
Furoic Acid		D	D	D	D	D	D	D	D
Furyl Carbinol		D	D	D	D	D	B	D	C
Fyrquel 150 220 300 550		D	D	D	D	D	A	A	C
Fyrquel 90, 100, 500		D	D	D	D	D	A	A	C
Fyrquel a60		D	D	D	D	D	B	C	C
Gallic Acid		D	D	D	D	A	B	A	B
Gasoline		C	A	A	A	A	C	A	A
Gelatin		D	A	A	A	A	A	A	A
Germane (Germanium Tetrahydride)		D	D	D	D	D	D	D	D
Girling Brake Fluid		D	D	D	D	D	A	C	C
Glacial Acetic Acid - Acid, Organic		A	B	A	A	D	C	C	D
Glauber's Salt		D	B	A	A	D	C	A	C
Gluconic Acid		D	D	D	D	D	A	C	C
Glucose		A	A	A	A	A	A	A	A
Glue		D	A	A	A	A	A	A	A
Glutamic Acid		D	D	D	D	D	A	C	C
Glutaraldehyde Disinfectant - Aldehyde, Aliphatic, Solution		A	D	D	D	D	D	D	D
Glutaraldehyde, pure - Aldehyde, Aliphatic		A	D	D	D	D	D	D	D
Glycerine (Glycerol)		A	A	A	A	D	A	A	A
Glycerol Dichlorohydrin		D	D	D	D	D	A	C	C
Glycerol Monochlorohydrin		D	D	D	D	D	A	C	C
Glycerol Triacetate		D	D	D	D	D	A	C	C
Glycerophosphoric Acid		D	D	D	D	D	A	C	C
Glyceryl Phosphate		D	D	D	D	D	A	C	C
Glycidol		D	D	D	D	D	A	C	C
Glycol Monoether		D	D	D	D	D	D	D	D
Glycolic Acid		D	D	D	D	D	A	C	C
Glycols		D	D	D	D	D	A	A	A
Glyoxylic Acid		D	D	D	D	D	A	C	C
Grease Petroleum Base		D	B	A	A	D	D	A	D

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION	Polypropylene	316SS	Carbon	PTE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
	Green Sulfate Liquor	D	D	D	D	D	A	B
	Guanidine Hydrochloride, pure - Amine, Salt	A	D	D	D	D	D	D
	Guanidine Isothiocyanate, pure - Amine, Salt	A	D	D	D	D	D	D
	Guanidine Thiocyanate, pure - Amine, Salt	A	D	D	D	D	D	D
	Gulf Endurance Oils	D	D	D	D	D	C	A
	Gulf FR Fluids (Emulsion)	D	D	D	D	D	C	A
	Gulf FR G-Fluids	D	D	D	D	D	A	A
	Gulf FR P-Fluids	D	D	D	D	D	B	B
	Gulf Harmony Oils	D	D	D	D	D	C	A
	Gulf High Temperature Grease	D	D	D	D	D	C	A
	Gulf Legion Oils	D	D	D	D	D	C	A
	Gulf Paramount Oils	D	D	D	D	D	C	A
	Gulf Security Oils	D	D	D	D	D	C	A
	Gulfcrown Grease	D	D	D	D	D	C	A
	Haemo-Sol detergent - Detergent	A	D	D	D	D	D	D
	Halothane	D	D	D	D	D	C	A
	Halowax Oil	D	D	D	D	D	C	A
	Hannifin Lube A	D	D	D	D	D	C	A
	Heavy Water	D	D	D	D	D	A	D
	HEF-2 (High Energy Fuel)	D	D	D	D	D	C	A
	Helium	A	D	D	D	D	A	A
	Heptachlor	D	D	D	D	D	C	A
	Heptachlorobutene	D	D	D	D	D	C	A
	Heptaldehyde (Heptanal)	D	D	D	D	D	C	A
	Heptane or n-Heptane	C	A	A	A	A	C	A
	Heptanoic Acid	D	D	D	D	D	C	A
	Hexachloroacetone	D	D	D	D	D	A	C
	Hexachlorobutadiene	D	D	D	D	D	C	A
	Hexachlorobutene	D	D	D	D	D	C	A
	Hexachloroethane	D	D	D	D	D	C	A
	Hexaethyl Tetraphosphate	D	D	D	D	D	D	D
	Hexafluoroethane (F-116)	D	D	D	D	D	D	D
	Hexafluoroxylene	D	D	D	D	D	D	D
	Hexafluoroxylene	D	D	D	D	D	D	D
	Hexaldehyde or n-Hexaldehyde	D	D	D	D	D	A	C
	Hexamethyldisilazane	D	D	D	D	D	D	D
	Hexamethylene (Cyclohexane)	D	D	D	D	D	C	A
	Hexamethylene Diammonium Adipate	D	D	D	D	D	C	A
	Hexamethylenediamine	D	D	D	D	D	A	C
	Hexamethylenetetramine	D	D	D	D	D	A	C
	Hexane or n-Hexane	B	A	A	A	D	C	A
	Hexanol, pure - Alcohol, Aliphatic	D	A	A	A	D	C	A
	Hexene-1 or n-Hexene-1	D	D	D	D	D	C	A
	Hexone (Methyl Isobutyl Ketone)	D	D	D	D	D	A	C
	Hexyl Acetate	D	D	D	D	D	C	A
	Hexyl Alcohol	D	D	D	D	D	C	A
	Hexylene Glycol	D	D	D	D	D	A	C
	Hexylresorcinol	D	D	D	D	D	C	A
	High Viscosity Lubricant, H2	D	D	D	D	D	A	A
	High Viscosity Lubricant, U4	D	D	D	D	D	A	A
	HiLo MS #1	D	D	D	D	D	A	C
	Houghto-Safe 1010 phosphate ester	D	D	D	D	D	A	A
	Houghto-Safe 1055 phosphate ester	D	D	D	D	D	A	A
	Houghto-Safe 1120 phosphate ester	D	D	D	D	D	B	A
	Houghto-Safe 271 (Water & Glycol Base)	D	D	D	D	D	A	B
	Houghto-Safe 416 & 500 Series	D	D	D	D	D	A	D
	Houghto-Safe 5040 (Water/Oil emulsion)	D	D	D	D	D	C	A
	Houghto-Safe 620 Water/Glycol	D	D	D	D	D	A	B
	Household Bleach - Base/Caustic, Oxidizer	C	D	D	D	D	D	D

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION	Polypropylene	316SS	Carbon	PTE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
	Hydraulic Oil (Petroleum Base, Industrial)	D	D	D	D	C	A	A
	Hydraulic Oils (Synthetic Base)	D	D	D	D	C	A	B
	Hydrazine	C	A	A	A	D	A	C
	Hydrazine (Anhydrous)	D	D	D	D	B	C	C
	Hydrazine Dihydrochloride	D	D	D	D	A	C	C
	Hydrazine Hydrate	D	D	D	D	A	C	C
	Hydriodic Acid	D	D	D	D	C	A	B
	Hydroabietyl Alcohol	D	D	D	D	D	D	D
	Hydrobromic Acid	D	C	C	A	A	A	C
	Hydrobromic Acid 40%	D	D	D	D	A	A	C
	Hydrobromic Acid, 69% - Acid, Organic	A	D	D	D	D	D	D
	Hydrocarbons, Saturated	D	D	D	D	C	A	A
	Hydrochloric Acid (cold) 37%	A	C	A	A	A	C	C
	Hydrochloric Acid (hot) 37%	D	D	D	D	C	A	C
	Hydrochloric Acid, >6N - Acid, Inorganic	A	D	D	D	D	D	D
	Hydrochloric Acid, 10% - Acid, Inorganic	A	C	A	A	D	A	C
	Hydrochloric Acid, 1N - Acid, Inorganic	A	D	D	D	D	D	D
	Hydrochloric Acid, 20% - Acid, Inorganic	A	D	D	D	D	D	D
	Hydrochloric Acid, 25% - Acid, Inorganic	A	D	D	D	D	D	D
	Hydrochloric Acid, 3 Molar to 158°F	D	D	D	D	A	A	B
	Hydrochloric Acid, 30% - Acid, Inorganic	A	D	D	D	D	D	D
	Hydrochloric Acid, 35% - Acid, Inorganic	A	D	D	D	D	D	D
	Hydrochloric Acid, 5% - Acid, Inorganic	A	D	D	D	D	D	D
	Hydrochloric Acid, 50% - Acid, Inorganic	A	D	D	D	D	D	D
	Hydrochloric Acid, 6N - Acid, Inorganic	A	D	D	D	D	D	D
	Hydrochloric Acid, Concentrated Room Temp.	A	D	D	D	A	B	A
	Hydrochloric Acid, Concentrated to 158°F	D	D	D	D	C	A	C
	Hydrochloric Acid, pure - Acid, Inorganic	A	D	D	D	D	D	D
	Hydrocyanic Acid	A	C	A	A	A	A	C
	Hydro-Drive MIH-10 (Petroleum Base)	D	D	D	D	C	A	A
	Hydro-Drive MIH-50 (Petroleum Base)	D	D	D	D	C	A	A
	Hydrofluoric Acid (Anhydrous)	D	C	C	D	D	D	D
	Hydrofluoric Acid (conc.) Cold	D	C	C	D	D	D	D
	Hydrofluoric Acid (conc.) Hot	D	C	C	D	D	C	C
	Hydrofluoric Acid, 10% - Acid, Inorganic	B	C	C	D	D	D	D
	Hydrofluoric Acid, 100% - Acid, Inorganic	B	C	C	D	D	D	D
	Hydrofluoric Acid, 35% - Acid, Inorganic	B	C	C	D	D	D	D
	Hydrofluoric Acid, 38% - Acid, Inorganic	B	C	C	D	D	D	D
	Hydrofluoric Acid, 4% - Acid, Inorganic	B	C	C	D	D	D	D
	Hydrofluoric Acid, 48% - Acid, Inorganic	B	C	C	D	D	D	D
	Hydrofluoric Acid, 50% - Acid, Inorganic	B	C	C	D	D	D	D
	Hydrofluoric Acid, 53% - Acid, Inorganic	B	C	C	D	D	D	D
	Hydrofluoric Acid, 60% - Acid, Inorganic	B	C	C	D	D	D	D
	Hydrofluoric Acid, 70% - Acid, Inorganic	B	C	C	D	D	D	D
	Hydrofluoric Acid, concentrated - Acid, Inorganic	B	C	C	D	D	D	D
	Hydrofluoric Acid, pure - Acid, Inorganic	A	C	C	D	D	D	D
	Hydrofluorosilicic Acid	A	D	D	D	A	A	B
	Hydroformic Acid, 100% - Acid, Organic	D	D	D	D	D	D	D
	Hydrogen Bromide (Anhydrous)	D	D	D	D	D	D	D
	Hydrogen Chloride (Anhydrous)	D	D	D	D	D	D	D
	Hydrogen Chloride gas	D	D	D	D	A	A	C
	Hydrogen Cyanide	D	C	A	A	D	A	C
	Hydrogen Fluoride	D	D	D	D	D	D	D
	Hydrogen Fluoride (Anhydrous)	D	D	D	D	A	C	C
	Hydrogen Gas, Cold	D	A	A	A	A	A	A
	Hydrogen Gas, Hot	D	A	A	A	D	A	A
	Hydrogen Iodide (Anhydrous)	D	D	D	D	D	D	D
	Hydrogen Peroxide	A	B	C	A	A	D	B
	Hydrogen Peroxide 90%	A	D	D	D	A	C	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Hydrogen Selenide		D	D	D	D	D	D	D
Hydrogen Sulfide Dry Cold		A	D	D	D	A	A	C
Hydrogen Sulfide Dry Hot		D	D	D	D	A	A	C
Hydrogen Sulfide Wet Cold		A	C	A	A	A	A	C
Hydrogen Sulfide Wet Hot		D	D	D	D	A	A	C
Hydrolube-Water/Ethylene Glycol		D	D	D	D	D	A	A
Hydroxycitronellal		D	D	D	D	D	D	A
Hydroquinol		D	D	D	D	D	C	A
Hydroquinone		A	D	D	D	D	B	B
Hydroxyacetic Acid		D	D	D	D	D	A	C
Hydyne		D	D	D	D	D	A	C
Hyjet		D	D	D	D	D	A	C
Hyjet IV and IVA		D	D	D	D	D	A	C
Hyjet s4		D	D	D	D	D	A	C
Hyjet w		D	D	D	D	D	A	C
Hypochlorous Acid		D	C	C	A	D	B	D
Indole		D	D	D	D	D	D	A
Industron FF44		D	D	D	D	D	C	A
Industron FF48		D	D	D	D	D	C	A
Industron FF53		D	D	D	D	D	C	A
Industron FF80		D	D	D	D	D	C	A
Insulin		D	D	D	D	D	A	C
Iodic Acid		D	D	D	D	D	A	C
Iodine		A	B	C	A	A	C	A
Iodine Crystals - Element, Solid		A	D	D	D	D	D	D
Iodine Pentafluoride		D	D	D	D	D	C	C
Iodoacetic Acid, pure - Acid, Organic, Halogenated		D	D	D	D	D	D	D
Iodoform		D	A	A	A	D	D	D
IPA, 100% - Alcohol, Aliphatic		A	D	D	D	D	D	D
IPA, 30% - Alcohol, Aliphatic		A	D	D	D	D	D	D
IPA, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D
Isoamyl Acetate		D	D	D	D	D	A	C
Isoamyl Butyrate		D	D	D	D	D	A	C
Isoamyl Valerate		D	D	D	D	D	A	C
Isoboreol		D	D	D	D	D	D	A
Isobutane		D	A	A	A	D	C	A
Isobutanol, 100% - Alcohol, Aliphatic		A	D	D	D	D	D	D
Iso-Butanol, 100% - Alcohol, Aliphatic		A	D	D	D	D	D	D
Isobutanol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D
Iso-Butanol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D
Isobutyl Acetate		D	A	A	A	D	D	C
Isobutyl Alcohol		A	B	A	A	D	D	A
iso-Butyl Alcohol, 100% - Alcohol, Aliphatic		A	D	D	D	D	D	D
Isobutyl Alcohol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D
iso-Butyl Alcohol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D
Isobutyl Chloride		D	D	D	D	D	C	A
Isobutyl Ether		D	D	D	D	D	C	C
Isobutyl Methyl Ketone		D	B	A	A	D	D	C
Isobutyl n-Butyrate		D	D	D	D	D	A	A
Isobutyl Phosphate		D	D	D	D	D	A	C
Isobutylene		D	D	D	D	D	D	A
Isobutyraldehyde		D	D	D	D	D	B	C
Isobutyric Acid		D	D	D	D	D	B	C
Isocrotyl Chloride		D	D	D	D	D	D	A
Isodecanol		D	D	D	D	D	C	A
Isododecane		D	D	D	D	D	C	A
Isoeugenol		D	D	D	D	D	C	A
Isooctane		C	D	D	D	A	C	A
Isopentane		D	B	A	A	D	C	A

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Isophorone (Ketone)		D	D	D	D	D	B	C	C
Isopropanol		A	A	A	A	D	A	A	C
Isopropyl Acetate		B	A	A	A	D	C	C	C
Isopropyl Alcohol		A	A	A	A	D	A	A	C
Isopropyl Benzene, pure - Hydrocarbon, Aromatic		C	D	D	D	D	D	D	D
Isopropyl Chloride		D	D	D	D	D	C	A	C
Isopropyl Ether		C	D	D	D	A	C	C	B
Isopropyl Myristate, pure - Ester, Aliphatic		D	D	D	D	D	D	D	D
Isopropylacetone		D	D	D	D	D	A	C	C
Isopropylacetone, pure - Ketone, Aliphatic		D	D	D	D	D	D	D	D
Isopropylamine		D	A	A	A	D	A	C	C
Jet Fuel A		C	D	D	D	D	C	A	B
JP-10		D	A	A	A	D	C	A	C
JP-3 (MIL-J-5624)		D	A	A	A	D	C	A	A
JP-4 (MIL-T-5624)		D	A	A	A	D	C	A	A
JP-5 (MIL-T-5624)		D	A	A	A	D	C	A	A
JP-6 (MIL-J-25656)		D	A	A	A	D	C	A	A
JP-8 (MIL-T-83133)		D	A	A	A	D	C	A	A
JP-9 (MIL-F-81912)		D	A	A	A	D	C	A	D
JP-9 -11		D	A	A	A	D	C	A	D
JPX(MIL-F-25604)		D	D	D	D	D	C	C	A
Kel F Liquids		D	D	D	D	D	A	B	A
Kerosene (Similar to RP-1 and JP-1)		C	A	A	A	A	C	A	A
Keystone #87HX-Grease		D	D	D	D	D	C	A	A
Kodak FTFR Photoresist - Misc., Photoresist		D	D	D	D	D	D	D	D
Kodak KMER Photoresist - Misc., Photoresist		D	D	D	D	D	D	D	D
Kodak KTFR Photoresist - Misc., Photoresist		D	D	D	D	D	D	D	D
Lacquer Solvents		C	D	D	D	D	C	C	C
Lacquers		D	A	A	A	A	C	C	C
Lactams-Amino Acids		D	D	D	D	D	B	C	C
Lactic Acid Cold		A	B	A	A	A	D	A	D
Lactic Acid Hot		D	D	D	D	A	C	A	C
Lactones (Cyclic Esters)		D	D	D	D	D	B	C	C
Lard Animal Fat		D	A	A	A	D	C	A	A
Lauric Acid		D	D	D	D	D	C	A	A
Lauryl Alcohol, pure - Alcohol, Aliphatic		D	D	D	D	D	D	D	D
Lavender Oil		D	D	D	D	D	C	A	B
LB 135		D	D	D	D	D	A	A	A
Lead (Molten)		D	D	D	D	D	D	D	D
Lead Acetate		A	B	A	A	D	A	C	C
Lead Arsenate		D	D	D	D	D	A	C	C
Lead Azide		D	D	D	D	D	D	D	D
Lead Bromide		D	D	D	D	D	A	C	C
Lead Carbonate		D	D	D	D	D	A	C	C
Lead Chloride		D	C	A	A	D	D	D	C
Lead Chromate		D	D	D	D	D	A	C	C
Lead Dioxide		D	D	D	D	D	A	C	C
Lead Linoleate		D	D	D	D	D	A	C	C
Lead Naphthenate		D	D	D	D	D	D	D	D
Lead Nitrate		D	B	A	A	D	A	C	A
Lead Oxide		D	D	D	D	D	A	C	C
Lead Sulfamate		D	D	D	D	D	A	A	B
Lehigh X1169		D	D	D	D	D	C	A	A
Lehigh X1170		D	D	D	D	D	C	A	A
Light Grease		D	D	D	D	D	C	A	A
Ligroin (Petroleum Ether or Benzene)		D	D	D	D	D	C	A	A
Lime Bleach		D	D	D	D	D	A	A	A
Lime Sulfur		D	D	D	D	D	D	A	D
Lindol, Hydraulic Fluid(Phosphate ester type)		D	D	D	D	D	A	B	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	Nitrile / Buna N
Linoleic Acid		D	D	D	D	D	C	B
Linseed Oil		A	A	A	A	D	C	A
Liquid Oxygen (LOX)		D	D	D	D	D	C	C
Liquid Petroleum Gas (LPG)		D	A	A	A	D	C	A
Liquimoly		D	D	D	D	D	C	A
Lithium Bromide (Brine)		D	D	D	D	D	A	C
Lithium Carbonate		D	D	D	D	D	A	C
Lithium Chloride		D	B	A	A	D	A	C
Lithium Citrate		D	D	D	D	D	A	C
Lithium Hydroxide		D	B	C	A	D	A	C
Lithium Hypochlorite		D	D	D	D	D	A	C
Lithium Nitrate		D	D	D	D	D	A	C
Lithium Nitrite		D	D	D	D	D	A	C
Lithium Perchlorate		D	D	D	D	D	A	C
Lithium Salicylate		D	D	D	D	D	A	C
Lithopone		D	D	D	D	D	A	C
Lubricating Oils (Crude & Refined)		D	A	A	A	D	C	A
Lubricating Oils (Synthetic base)		D	D	D	D	D	D	A
Lubricating Oils, Di-ester		D	D	D	D	D	C	A
Lubricating Oils, petroleum base		D	D	D	D	D	C	A
Lubricating Oils, SAE 10, 20, 30, 40, 50		D	D	D	D	D	C	A
Lye Solutions		D	D	D	D	D	A	B
Magnesium Chloride		A	C	A	A	A	A	A
Magnesium Hydroxide		A	B	A	A	A	A	A
Magnesium Salts		D	D	D	D	D	A	A
Magnesium Sulfite and Sulfate		A	A	A	A	A	A	A
Magnesium Trisilicate		D	D	D	D	D	D	D
Malathion		D	D	D	D	D	C	A
Maleic Acid		D	B	A	A	D	C	A
Maleic Anhydride		D	A	A	A	D	C	C
Maleic Hydrazide		D	D	D	D	D	A	C
Malic Acid		D	D	D	D	D	B	A
Mandelic Acid		D	D	D	D	D	A	C
Manganese Acetate		D	D	D	D	D	A	C
Manganese Carbonate		D	D	D	D	D	A	C
Manganese Chloride		D	B	A	A	D	D	C
Manganese Dioxide		D	D	D	D	D	A	C
Manganese Gluconate		D	D	D	D	D	A	C
Manganese Hypophosphite		D	D	D	D	D	A	C
Manganese Linoleate		D	D	D	D	D	A	C
Manganese Naphthenate		D	D	D	D	D	D	D
Manganese Phosphate		D	D	D	D	D	A	C
Manganese Salts, pure - Salt, Inorganic		A	D	D	D	D	D	D
Manganese Sulfate		D	A	A	A	D	A	D
Manganous Chloride		D	D	D	D	D	A	C
Manganous Phosphate		D	D	D	D	D	A	C
Manganous Sulfate		D	D	D	D	D	A	C
Mannitol		D	D	D	D	D	A	C
MCS 312		D	D	D	D	D	C	A
MCS 352		D	D	D	D	D	A	C
MCS 463		D	D	D	D	D	A	C
MDI (Methylene di-p-phenylene isocyanate)		D	D	D	D	D	A	C
Mechanical Oil - Hydrocarbon, Mixture		B	D	D	D	D	D	D
Mercaptan		D	A	A	A	D	D	D
Mercaptoacetic Acid, pure - Acid, Organic		D	D	D	D	D	D	D
Mercaptobenzothiazole (MBT)		D	D	D	D	D	A	D
Mercuric Acetate		D	D	D	D	D	A	C
Mercuric Chloride		A	C	D	D	A	A	A
Mercuric Cyanide		D	D	D	D	A	A	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION	Polypropylene	316SS	Carbon	PTE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Mercuric Iodide		D	D	D	D	A	C	C
Mercuric Nitrate		D	D	D	D	A	C	C
Mercuric Sulfate		D	D	D	D	A	C	C
Mercuric Sulfite		D	D	D	D	A	C	C
Mercurous Nitrate		D	D	D	D	A	C	C
Mercury		A	A	A	A	A	A	A
Mercury Chloride		D	D	D	D	A	C	C
Mercury Fulminate		D	D	D	D	A	C	C
Mercury Salts		A	D	D	D	A	C	C
Mercury Vapors		D	D	D	D	A	A	A
Mesityl Oxide (Ketone)		D	D	D	D	B	C	C
Mesitylene, pure - Hydrocarbon, Aromatic		C	D	D	D	D	D	D
Meta-Cresol		D	D	D	D	D	A	D
Metaldehyde		D	D	D	D	A	C	C
Meta-Nitroaniline		D	D	D	D	A	C	C
Meta-Toluidine		D	D	D	D	D	A	D
Methacrylic Acid		D	D	D	D	A	C	C
Methallyl Chloride		D	D	D	D	D	A	D
Methane		D	A	A	A	D	C	A
Methanol		A	A	A	A	D	A	C
Methoxychlor		D	D	D	D	D	D	D
Methoxyethanol (DGMMA)		D	D	D	D	A	C	C
Methoxyethyl Oleate, pure - Ether, Aliphatic, Ester		A	D	D	D	D	D	D
Methyl Abietate		D	D	D	D	D	A	D
Methyl Acetate		B	A	A	A	A	C	C
Methyl Acetoacetate		D	D	D	D	B	C	C
Methyl Acetophenone		D	D	D	D	D	A	D
Methyl Acrylate		D	A	A	A	D	C	C
Methyl Alcohol		A	D	D	D	A	A	C
Methyl Amylketone		D	D	D	D	A	C	C
Methyl Anthranilate		D	D	D	D	D	A	D
Methyl Benzene, pure - Hydrocarbon, Aromatic		C	D	D	D	D	D	D
Methyl Benzoate		D	D	D	D	D	C	A
Methyl Bromide		D	A	A	A	D	C	A
Methyl Butyl Ketone		D	D	D	D	A	C	C
Methyl Butyrate Cellosolve		D	D	D	D	A	C	C
Methyl Butyrate Chloride		D	D	D	D	A	C	C
Methyl Carbonate		D	D	D	D	C	A	C
Methyl Cellosolve		B	D	D	D	A	B	C
Methyl Cellosolve Acetate, pure - Ether, Aliphatic, Polyol		C	D	D	D	D	D	D
Methyl Cellulose		D	D	D	D	B	C	B
Methyl Chloride		D	A	A	A	A	C	A
Methyl Chloroacetate		D	D	D	D	A	C	C
Methyl Chloroform		D	D	D	D	D	C	A
Methyl Chloroformate		D	D	D	D	D	C	A
Methyl Chlorosilanes		D	D	D	D	D	D	D
Methyl Cyanide (Acetonitrile)		D	D	D	D	A	C	C
Methyl Cyclohexanone		D	D	D	D	C	A	A
Methyl Dichloride		D	D	D	D	D	A	D
Methyl Ether		D	D	D	D	C	A	A
Methyl Ethyl Ketone (MEK)		A	B	A	A	A	A	C
Methyl Ethyl Ketone Peroxide		D	D	D	D	C	C	C
Methyl Ethyl Oleate		D	D	D	D	D	A	D
Methyl Formate		D	D	D	D	A	B	D
Methyl Hexyl Ketone (2-Octanone)		D	D	D	D	A	C	C
Methyl Iodide		D	D	D	D	C	A	A
Methyl Isobutyl Ketone (MIBK)		B	B	A	A	D	C	C
Methyl Isocyanate		D	D	D	D	A	C	C
Methyl Isopropyl Ketone		D	D	D	D	B	C	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Methyl Isovalerate		D	D	D	D	D	A	D
Methyl Lactate		D	D	D	D	D	A	C
Methyl Mercaptan		D	D	D	D	D	A	D
Methyl Methacrylate		D	A	A	A	D	C	C
Methyl Oleate		D	D	D	D	D	B	A
Methyl Pentadiene		D	D	D	D	D	D	A
Methyl Phenylacetate		D	D	D	D	D	D	A
Methyl Propyl Ketone, pure - Ketone, Aliphatic		B	D	D	D	D	D	D
Methyl Salicylate		D	D	D	D	D	B	D
Methyl Tertiary Butyl Ether (MTBE)		D	B	A	A	D	C	C
Methyl Valerate		D	D	D	D	D	D	A
Methyl-2-Pyrrolidone or n-Methyl-2-Pyrrolidone		D	D	D	D	D	B	D
Methylacrylic Acid		D	D	D	D	D	B	C
Methylal		D	D	D	D	D	D	D
Methylamine		D	D	D	D	D	A	C
Methylamyl Acetate		D	D	D	D	D	A	C
Methylcyclopentane		D	D	D	D	D	C	A
Methylene Bromide		D	D	D	D	D	D	A
Methylene Chloride		C	B	A	A	A	C	C
Methylene Iodide		D	D	D	D	D	D	A
Methylglycerol		D	D	D	D	D	A	C
Methylisobutyl Carbinol		D	D	D	D	D	C	A
Methylpyrrolidine		D	D	D	D	D	D	A
Methylpyrrolidone		D	D	D	D	D	D	A
Methylsulfuric Acid		D	D	D	D	D	A	C
Methyl-t-Butyl Ether, pure - Ether, Aliphatic		C	D	D	D	D	D	D
Metrizamide - Misc.		A	D	D	D	D	D	D
MIBK, pure - Ketone, Aliphatic		B	D	D	D	D	D	D
MIL-A-6091		D	D	D	D	D	A	A
MIL-C-4339		D	D	D	D	D	C	A
MIL-C-7024		D	D	D	D	D	C	A
MIL-C-8188		D	D	D	D	D	C	B
MIL-E-9500		D	D	D	D	D	A	A
MIL-F-16884		D	D	D	D	D	C	A
MIL-F-17111		D	D	D	D	D	C	A
MIL-F-25558 (RJ-1)		D	D	D	D	D	C	A
MIL-F-25656		D	D	D	D	D	C	A
MIL-F-5566		D	D	D	D	D	A	A
MIL-F-81912 (JP-9)		D	D	D	D	D	C	A
MIL-F-82522 (RJ-4)		D	D	D	D	D	C	A
MIL-G-10924		D	D	D	D	D	C	A
MIL-G-15793		D	D	D	D	D	C	A
MIL-G-21568		D	D	D	D	D	A	A
MIL-G-25013		D	D	D	D	D	A	A
MIL-G-25537		D	D	D	D	D	C	A
MIL-G-25760		D	D	D	D	D	C	A
MIL-G-3278		D	D	D	D	D	C	A
MIL-G-3545		D	D	D	D	D	C	A
MIL-G-4343		D	D	D	D	D	C	A
MIL-G-5572		D	D	D	D	D	C	A
MIL-G-7118		D	D	D	D	D	C	A
MIL-G-7187		D	D	D	D	D	C	A
MIL-G-7421		D	D	D	D	D	C	A
MIL-G-7711		D	D	D	D	D	C	A
MIL-H-13910		D	D	D	D	D	A	A
MIL-H-19457		D	D	D	D	D	B	A
MIL-H-22251		D	D	D	D	D	A	D
MIL-H-27601		D	D	D	D	D	C	A
MIL-H-46170 -15°F to +400°F		D	D	D	D	D	C	A

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
MIL-H-46170 -20°F to +275°F		D	D	D	D	D	C	A
MIL-H-46170 -55°F to +275°F		D	D	D	D	D	C	A
MIL-H-46170 -65°F to +275°F		D	D	D	D	D	C	A
MIL-H-5606 -65°F to +235°F		D	D	D	D	D	C	A
MIL-H-5606 -65°F to +275°F		D	D	D	D	D	C	A
MIL-H-6083		D	D	D	D	D	C	A
MIL-H-7083		D	D	D	D	D	A	B
MIL-H-8446 (MLO-8515)		D	D	D	D	D	C	A
MIL-J-5161		D	D	D	D	D	C	A
Milk		A	D	D	D	A	A	A
MIL-L-15016		D	D	D	D	D	C	A
MIL-L-15017		D	D	D	D	D	C	A
MIL-L-17331		D	D	D	D	D	C	A
MIL-L-2104		D	D	D	D	D	C	A
MIL-L-21260		D	D	D	D	D	C	A
MIL-L-23699		D	D	D	D	D	C	A
MIL-L-25681		D	D	D	D	D	A	B
MIL-L-3150		D	D	D	D	D	C	A
MIL-L-6081		D	D	D	D	D	C	A
MIL-L-6082		D	D	D	D	D	C	A
MIL-L-6085		D	D	D	D	D	C	A
MIL-L-6387		D	D	D	D	D	C	A
MIL-L-7808		D	D	D	D	D	C	A
MIL-L-7870		D	D	D	D	D	C	A
MIL-L-9000		D	D	D	D	D	C	A
MIL-L-9236		D	D	D	D	D	C	A
MIL-O-3503		D	D	D	D	D	C	A
MIL-P-27402		D	D	D	D	D	A	D
MIL-R-25576 (RP-1)		D	D	D	D	D	C	A
MIL-S-3136, Type I Fuel		D	D	D	D	D	C	A
MIL-S-3136, Type II Fuel		D	D	D	D	D	C	A
MIL-S-3136, Type III Fuel		D	D	D	D	D	C	A
MIL-S-3136, Type IV Oil High Swell		D	D	D	D	D	C	A
MIL-S-3136, Type IV Oil Low Swell		D	D	D	D	D	C	A
MIL-S-3136, Type V Oil Medium Swell		D	D	D	D	D	C	A
MIL-S-81087		D	D	D	D	D	A	A
MIL-T-5624, JP-4, JP-5		D	D	D	D	D	C	A
MIL-T-83133		D	D	D	D	D	C	A
Mineral Oils		A	A	A	A	A	C	A
Mineral Spirits - Hydrocarbon, Mixture		C	A	A	A	D	C	A
Mixed Acids		D	D	D	D	A	A	C
MLO-7277 Hydr.		D	D	D	D	D	C	A
MLO-7557		D	D	D	D	D	C	A
MLO-8200 Hydr.		D	D	D	D	D	C	A
MLO-8515		D	D	D	D	D	C	A
Mobil 24dte		D	D	D	D	D	C	A
Mobil 254 Lubricant		D	D	D	D	D	D	D
Mobil Delvac 1100, 1110, 1120, 1130		D	D	D	D	D	C	A
Mobil HF		D	D	D	D	D	C	A
Mobil Nivac 20, 30		D	D	D	D	D	A	A
Mobil SHC 500 Series		D	D	D	D	D	C	A
Mobil SHC 600 Series		D	D	D	D	D	C	A
Mobil Therm 600		D	D	D	D	D	C	A
Mobil Velocite c		D	D	D	D	D	C	A
Mobilgas WA200 ATF		D	D	D	D	D	C	A
Mobilgear 600 Series		D	D	D	D	D	C	A
Mobilgear SHC ISO Series		D	D	D	D	D	C	A
Mobilgrease HP		D	D	D	D	D	C	A
Mobilgrease HTS		D	D	D	D	D	C	A

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Mobilgrease SM		D	D	D	D	D	C	A	B
Mobilith AW Series		D	D	D	D	D	C	A	B
Mobilith SHC Series		D	D	D	D	D	C	A	B
Mobiljet II Lubricant		D	D	D	D	D	D	D	D
Mobilmistlube Series		D	D	D	D	D	C	A	C
Mobiloil SAE 20		D	D	D	D	D	C	A	A
Mobilux		D	D	D	D	D	C	A	A
Molybdenum Disulfide Grease		D	D	D	D	D	C	A	A
Molybdenum Oxide		D	D	D	D	D	A	C	C
Molybdenum Trioxide		D	D	D	D	D	A	C	C
Molybdic Acid		D	D	D	D	D	A	C	C
Monobasic Potassium Phosphate, pure - Salt, Inorganic		A	D	D	D	D	D	D	D
Monobasic Sodium Phosphate, pure - Salt, Inorganic		A	D	D	D	D	D	D	D
Monobromobenzene		D	D	D	D	D	C	A	C
Monobromotoluene		D	D	D	D	D	D	A	D
Monobutyl Paracresol		D	D	D	D	D	D	D	D
Monochloroacetic Acid		D	D	D	D	D	A	C	C
Monochlorobenzene		C	D	D	D	D	C	A	C
Monochlorobutene		D	D	D	D	D	D	A	D
Monochloroethane, pure - Hydrocarbon, Aliphatic, Halogenated		C	D	D	D	D	D	D	D
Monochlorohydrin		D	D	D	D	D	D	D	D
Monoethanolamine (MEA)		D	A	A	A	D	C	C	C
Monoethyl Amine		D	D	D	D	D	A	C	C
Monoisopropylamine		D	D	D	D	D	A	C	C
Monomethyl Aniline		D	D	D	D	D	A	B	C
Monomethyl Ether (Dimethyl Ether)		D	D	D	D	D	D	D	D
Monomethyl Ether (Methyl Ether)		D	D	D	D	D	C	A	A
Monomethyl Hydrazine		D	D	D	D	D	A	D	B
Monomethylamine (MMA)		D	D	D	D	D	A	C	C
Monomethylaniline		D	D	D	D	D	B	B	C
Mononitrotoluene		D	D	D	D	D	A	C	C
Mononitrotoluene & Dinitrotoluene(40/60 Mix)		D	D	D	D	D	A	C	C
Monovinyl Acetylene		D	D	D	D	D	A	A	A
Mopar Brake Fluid		D	D	D	D	D	A	C	C
Morpholine		D	D	D	D	D	D	A	D
Motor Oils		A	D	D	D	D	C	A	A
MTBE, pure - Ether, Aliphatic		C	D	D	D	D	D	D	D
Muriatic Acid, pure - Acid, Inorganic		A	C	A	A	D	C	A	C
Mustard Gas		D	D	D	D	D	D	D	D
Myristic Acid		D	D	D	D	D	D	A	D
NALGENE L-900 detergent - Detergent		A	D	D	D	D	D	D	D
Naphthalene		A	A	A	A	A	C	A	C
Naphthalene Chloride		D	A	A	A	D	C	A	A
Naphthalene Sulfonic Acid		D	D	D	D	D	D	A	D
Naphthalenic Acid		D	D	D	D	D	D	A	D
Naphthalonic Acid		D	D	D	D	D	D	A	D
Naphthenic Acid		D	A	A	A	D	C	A	C
Naphthylamine		D	D	D	D	D	D	D	D
Naptha		D	A	A	A	A	C	A	C
Natural Gas		D	D	D	D	A	C	A	A
n-Butanol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D	D
n-Butyl Acetate, pure - Ester, Aliphatic		B	D	D	D	D	D	D	D
n-Butyl Alcohol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D	D
n-Butyl Phthalate, pure - Ester, Aromatic		C	D	D	D	D	D	D	D
n-Decane, pure - Hydrocarbon, Aliphatic		C	D	D	D	D	D	D	D
n-Dodecanol, pure - Alcohol, Aliphatic		D	D	D	D	D	D	D	D
Neatsfoot Oil		D	D	D	D	D	B	A	A
Neon		D	D	D	D	D	A	A	A
Neville Acid		D	D	D	D	D	B	A	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
	n-Heptane, pure - Hydrocarbon, Aliphatic	C	D	D	D	D	D	D	D
	n-Hexane, pure - Hydrocarbon, Aliphatic	B	D	D	D	D	D	D	D
	n-Hexanol, pure - Alcohol, Aliphatic	D	D	D	D	D	D	D	D
	Nickel Acetate	D	D	D	D	D	A	C	B
	Nickel Ammonium Sulfate	D	D	D	D	A	A	C	C
	Nickel Chloride	A	B	A	A	A	A	A	A
	Nickel Cyanide	D	D	D	D	D	A	C	C
	Nickel Nitrate	D	D	D	D	D	A	C	C
	Nickel Salts	A	D	D	D	D	A	A	A
	Nickel Sulfate	A	B	D	D	A	A	A	A
	Nicotinamide (Niacinamide)	D	D	D	D	D	D	A	D
	Nicotinamide Hydrochloride	D	D	D	D	D	A	C	C
	Nicotine	D	D	D	D	D	D	A	D
	Nicotine Sulfate	D	D	D	D	D	A	C	C
	Niter Cake	D	D	D	D	D	A	A	A
	Nitric Acid - Red Fuming	D	D	D	D	D	C	B	C
	Nitric Acid - White Fuming	D	D	D	D	D	D	D	D
	Nitric Acid (0 - 50%)	C	A	C	A	A	C	D	C
	Nitric Acid (50 - 100%)	C	D	D	D	A	C	C	C
	Nitric Acid 3 Molar to 158°F	D	D	D	D	D	B	C	C
	Nitric Acid Concentrated Room Temp.	C	D	D	D	D	C	B	D
	Nitric Acid Concentrated to 158°F	C	D	D	D	D	C	C	C
	Nitroaniline	D	D	D	D	D	A	C	C
	Nitrobenzene	C	A	A	A	A	A	C	C
	Nitrobenzoic Acid	D	D	D	D	D	A	C	C
	Nitrocellulose	D	D	D	D	D	A	C	C
	Nitrochlorobenzene	D	D	D	D	D	A	C	C
	Nitrochloroform	D	D	D	D	D	A	C	C
	Nitrodiethylaniline	D	D	D	D	D	A	C	C
	Nitrodiphenyl Ether	D	D	D	D	D	D	D	D
	Nitroethane	D	A	A	A	D	C	C	C
	Nitrofluorobenzene	D	D	D	D	D	A	C	C
	Nitrogen	D	A	A	A	D	A	A	A
	Nitrogen Oxides	D	D	D	D	D	A	C	C
	Nitrogen Tetroxide (N2O4)	D	D	D	D	D	C	C	C
	Nitrogen Trifluoride	D	D	D	D	D	D	D	D
	Nitroglycerine	D	D	D	D	D	A	C	C
	Nitroglycerol	D	D	D	D	D	A	C	C
	Nitroisopropylbenzene	D	D	D	D	D	A	C	C
	Nitromethane	C	A	A	A	D	C	C	C
	Nitrophenol	D	D	D	D	D	A	C	C
	Nitropropane	D	A	A	A	D	B	C	C
	Nitrosyl Chloride	D	D	D	D	D	D	D	D
	Nitrosylsulfuric Acid	D	D	D	D	D	D	D	D
	Nitrothiophene	D	D	D	D	D	A	C	C
	Nitrotoluene	D	D	D	D	D	A	C	C
	Nitrous Acid	D	B	A	A	D	D	C	C
	Nitrous Oxide	D	D	D	D	A	A	A	A
	n-Octane, pure - Hydrocarbon, Aliphatic	A	D	D	D	D	D	D	D
	Nonane	D	D	D	D	D	C	A	A
	Noryl GE Phenolic	D	D	D	D	D	A	D	A
	n-Pentane, pure - Hydrocarbon, Aliphatic	D	D	D	D	D	D	D	D
	n-Pentanol, pure - Alcohol, Aliphatic	D	D	D	D	D	D	D	D
	n-Propane, gas, pure - Hydrocarbon, Aliphatic	C	D	D	D	D	D	D	D
	n-Propane, liquid - Hydrocarbon, Aliphatic	D	D	D	D	D	D	D	D
	n-Propanol, pure - Alcohol, Aliphatic	A	D	D	D	D	D	D	D
	n-Propyl Alcohol, pure - Alcohol, Aliphatic	A	D	D	D	D	D	D	D
	Nycodenz - Misc.	A	D	D	D	D	D	D	D
	Nyvac FR200 Mobil	D	D	D	D	D	A	A	A

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION	Polypropylene	316SS	Carbon	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
	Octachloro Toluene	D	D	D	D	C	A	C
	Octadecane	D	D	D	D	C	A	A
	Octanal (n-Octanaldehyde)	D	D	D	D	C	A	A
	Octane or n-Octane	D	D	D	D	C	A	A
	Octyl Acetate	D	D	D	D	A	C	C
	Octyl Alcohol	D	D	D	D	C	A	B
	Octyl Chloride	D	D	D	D	C	A	A
	Octyl Phthalate	D	D	D	D	D	A	D
	o-Dichlorobenzene, pure - Hydrocarbon, Aromatic, Halogenated	C	D	D	D	D	D	D
	Oil of Wintergreen, pure - Ester, Aromatic	D	D	D	D	D	D	D
	Oil, Cedarwood, pure - Misc.	C	D	D	D	D	D	D
	Oil, Cinnamon, pure - Misc.	C	D	D	D	D	D	D
	Oil, Cottonseed, pure - Misc.	A	D	D	D	D	D	D
	Oil, Linseed, pure - Misc.	A	D	D	D	D	D	D
	Oil, Mineral - Hydrocarbon, Mixture	A	D	D	D	D	D	D
	Oil, Paraffin, pure - Hydrocarbon, Mixture	B	D	D	D	D	D	D
	Oil, Sesame, pure - Misc.	D	D	D	D	D	D	D
	Oil, Wintergreen, pure - Ester, Aromatic	D	D	D	D	D	D	D
	Olefins	D	D	D	D	D	A	D
	Oleic Acid	A	B	A	A	A	C	C
	Oleum (Fuming Sulfuric Acid)	C	B	C	A	D	C	A
	Oleum Spirits	D	D	D	D	A	C	A
	Oleyl Alcohol	D	D	D	D	D	D	A
	Olive Oil	D	A	A	A	D	C	A
	Orange Oil, pure - Misc.	B	D	D	D	D	D	D
	Oronite 8200	D	D	D	D	D	C	A
	Oronite 8515	D	D	D	D	D	C	A
	Ortho-Chloro Ethyl Benzene	D	D	D	D	D	C	A
	Ortho-Chloroaniline	D	D	D	D	D	A	C
	Ortho-Chlorophenol	D	D	D	D	D	A	C
	Ortho-Cresol	D	D	D	D	D	A	C
	Ortho-Dichlorobenzene	D	D	D	D	D	C	A
	Ortho-Nitrotoluene	D	D	D	D	D	A	C
	Orthophos Acid	D	D	D	D	D	D	D
	OS 45 Type III (OS45)	D	D	D	D	D	C	A
	OS 45 Type IV (OS45-1)	D	D	D	D	D	C	A
	OS 70	D	D	D	D	D	C	A
	Oxalic Acid	A	C	A	A	A	A	A
	Oxygen, 200-300°F (Evaluate for specific apps)	D	D	D	D	A	C	B
	Oxygen, 300-400°F (Evaluate for specific apps)	D	D	D	D	A	C	B
	Oxygen, Cold (Evaluate for specific applications)	D	D	D	D	A	A	A
	Oxygen, gas, pure - Element, Gas	C	A	A	A	D	C	C
	Oxygen, Liquid	D	D	D	D	D	C	C
	Ozonated Deionized Water	D	D	D	D	D	A	C
	Ozone	C	A	A	A	A	D	A
	Ozone, 10ppm in Water - Oxidizer, Inorganic, Solution	C	D	D	D	D	D	D
	Paint Thinner, Duco	D	D	D	D	D	C	B
	Palmitic Acid	D	A	A	A	A	C	A
	Para-Aminobenzoic Acid	D	D	D	D	D	A	C
	Para-Aminosalicylic Acid	D	D	D	D	D	A	C
	Para-Bromobenzylphenyl Ether	D	D	D	D	D	D	D
	Para-Chlorophenol	D	D	D	D	D	A	C
	Paracymene	D	A	A	A	D	C	A
	Para-Dichlorobenzene	D	D	D	D	D	C	A
	Paraffins	B	A	A	A	D	C	A
	Para-Formaldehyde	D	A	A	A	D	D	C
	Paraldehyde	D	A	A	A	D	D	C
	Par-al-Ketone	D	D	D	D	D	C	C
	Para-Nitroaniline	D	D	D	D	D	A	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Para-Nitrobenzoic Acid		D	D	D	D	D	A	C	C
Para-Nitrophenol		D	D	D	D	D	A	C	C
Parathion		D	D	D	D	D	D	A	D
Para-Toluene Sulfonic Acid		D	D	D	D	D	A	C	C
Parker O Lube		D	D	D	D	D	C	A	A
p-Chloroacetophenone, pure - Ketone, Aromatic, Halogenated		A	D	D	D	D	D	D	D
p-Dichlorobenzene, pure - Hydrocarbon, Aromatic, Halogenated		B	D	D	D	D	D	D	D
Peanut Oil		A	A	A	A	D	C	A	A
Peanut oil, pure - Misc.		A	A	A	A	D	C	A	A
Pectin (Liquor)		D	A	A	A	D	C	A	A
Pelagonic Acid		D	D	D	D	D	D	D	D
Penicillin (Liquid)		D	A	A	A	D	C	A	D
Pentachloroethane		D	D	D	D	D	D	A	D
Pentachlorophenol		D	D	D	D	D	A	C	C
Pentaerythritol		D	D	D	D	D	A	C	C
Pentaerythritol Tetranitrate		D	D	D	D	D	A	C	C
Pentafluoroethane (F-125)		D	D	D	D	D	D	D	D
Pentane or n-Pentane		D	B	A	A	D	C	A	A
Pentane, 2 Methyl		D	D	D	D	D	C	A	A
Pentane, 2-4 dimethyl		D	D	D	D	D	C	A	A
Pentane, 3-Methyl		D	D	D	D	D	C	A	A
Pentanol, pure - Alcohol, Aliphatic		D	D	D	D	D	D	D	D
Pentoxone		D	D	D	D	D	D	D	D
Pentyl Pentanoate		D	D	D	D	D	C	A	A
Peracetic Acid		A	D	D	D	D	A	C	C
Perchloric Acid - 2N		D	D	D	D	D	A	A	C
Perchloric Acid, 10% - Acid, Inorganic, Oxidizer		D	D	D	D	D	D	D	D
Perchloric Acid, 25% - Acid, Inorganic, Oxidizer		D	D	D	D	D	D	D	D
Perchloric Acid, 60% - Acid, Inorganic, Oxidizer		B	D	D	D	D	D	D	D
Perchloric Acid, 70% - Acid, Inorganic, Oxidizer		B	D	D	D	D	D	D	D
Perchloric Acid, concentrated - Acid, Inorganic, Oxidizer		B	D	D	D	D	D	D	D
Perchloric Acid, pure - Acid, Inorganic, Oxidizer		B	D	D	D	D	D	D	D
Perchloroethylene		C	B	A	A	A	C	A	C
Percoll - Misc.		A	D	D	D	D	D	D	D
Perfluoropropane		D	D	D	D	D	D	D	D
Perfluorotriethylamine		D	D	D	D	D	D	D	D
Pernanganic Acid		D	D	D	D	D	D	D	D
Persulfuric Acid (Caro's Acid)		D	B	A	A	D	D	D	D
Petrol - Hydrocarbon, Mixture		C	D	D	D	D	D	D	D
Petrolatum		D	D	D	D	D	C	A	A
Petrolatum Ether		D	D	D	D	D	C	A	A
Petroleum Oil, Above 250°F		C	A	A	A	A	C	A	D
Petroleum Oil, Below 250°F		C	D	D	D	A	C	A	A
Petroleum Oil, Crude		C	D	D	D	A	C	A	A
Phenol		D	B	A	A	A	C	A	C
Phenol, 10% - Alcohol, Aromatic		C	D	D	D	D	D	D	D
Phenol, 10% Aqueous - Alcohol, Aromatic		C	D	D	D	D	D	D	D
Phenol, 100% - Alcohol, Aromatic		C	D	D	D	D	D	D	D
Phenol, 5% - Alcohol, Aromatic		C	D	D	D	D	D	D	D
Phenol, 50% - Alcohol, Aromatic		C	D	D	D	D	D	D	D
Phenol, 70%/30% H2O		D	D	D	D	D	C	A	C
Phenol, 85%/15% H2O		D	D	D	D	D	C	A	C
Phenol, 92% - Alcohol, Aromatic		C	D	D	D	D	D	D	D
Phenol, Crystals, pure - Alcohol, Aromatic		B	D	D	D	D	D	D	D
Phenol, liquid - Alcohol, Aromatic		C	D	D	D	D	D	D	D
Phenol, pure - Alcohol, Aromatic		C	D	D	D	D	D	D	D
Phenolic Sulfonate		D	D	D	D	D	A	C	C
Phenolsulfonic Acid		D	D	D	D	D	A	C	C
Phenylacetamide		D	D	D	D	D	D	A	D

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION	Polypropylene	316SS	Carbon	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Phenylacetate		D	D	D	D	A	C	C
Phenylacetic Acid		D	B	A	A	D	A	C
Phenylbenzene		D	D	D	D	D	C	A
Phenylene Diamine		D	D	D	D	D	D	D
Phenylethanol, pure - Alcohol, Aromatic		D	D	D	D	D	D	D
Phenylethyl Alcohol		D	D	D	D	D	D	A
Phenylethyl Ether		D	D	D	D	D	C	C
Phenylethyl Malonic Ester		D	D	D	D	D	D	A
Phenylglycerine		D	D	D	D	D	A	C
Phenylhydrazine		D	D	D	D	D	B	A
Phenylhydrazine Hydrochloride		D	D	D	D	D	A	C
Phenylmercuric Acetate		D	D	D	D	D	A	C
Phorone		D	D	D	D	D	C	C
Phosgene		D	C	A	A	D	C	C
Phosphine		D	D	D	D	D	D	D
Phosphoric Acid 3 Molar to 158°F		D	D	D	D	A	A	A
Phosphoric Acid Concentrated Room Temp		A	D	D	D	A	A	A
Phosphoric Acid Concentrated to 158°F		D	D	D	D	A	A	A
Phosphoric Acid, 10% - Acid, Inorganic		A	A	A	A	D	A	A
Phosphoric Acid, 20%		D	A	A	A	A	A	A
Phosphoric Acid, 25% - Acid, Inorganic		A	A	A	A	D	A	A
Phosphoric Acid, 30% - Acid, Inorganic		A	A	A	A	D	A	A
Phosphoric Acid, 45%		D	A	A	A	A	A	A
Phosphoric Acid, 5% - Acid, Inorganic		A	A	A	A	D	A	A
Phosphoric Acid, 50% - Acid, Inorganic		A	A	A	A	D	A	A
Phosphoric Acid, 85% - Acid, Inorganic		A	A	A	A	D	A	A
Phosphoric Acid, 88% - Acid, Inorganic		A	D	D	D	D	D	D
Phosphoric Acid, 95% - Acid, Inorganic		A	D	D	D	D	D	D
Phosphorus (Molten)		D	D	D	D	D	D	D
Phosphorus Oxychloride		D	C	A	A	D	C	C
Phosphorus Trichloride		D	A	A	A	D	A	A
Phosphorus Trichloride Acid		D	D	D	D	D	A	A
Photographic Hypo - Salt, Inorganic, Reducer		A	D	D	D	D	D	D
Photoresists - Misc., Photoreist		D	D	D	D	D	D	D
Phthalic Acid		D	A	A	A	D	D	C
Phthalic Anhydride		D	A	A	A	D	D	C
Pickling Solution		D	D	D	D	D	C	B
Picric Acid (aq)		C	B	A	A	A	D	A
Picric Acid Molten		D	D	D	D	D	B	A
Pine Oil		A	D	D	D	D	C	A
Pine Tar		D	D	D	D	D	C	A
Pinene		D	D	D	D	D	C	A
Piperazine		D	D	D	D	D	D	A
Piperidine		D	D	D	D	D	C	A
Piranha (H2SO4:H2O2)(70:30)		D	D	D	D	D	D	D
Plating Solution(Co,Cu,Au,In,Fe,Pb,Ni,Ag,Sn,Zn)		D	D	D	D	D	A	A
Plating Solutions Chrome		D	C	C	A	D	B	A
Plating Solutions Others		D	D	D	D	D	A	A
Pneumatic Service		D	D	D	D	D	A	A
Polyethylene Glycol		D	A	A	A	D	A	D
Polyglycerol		D	D	D	D	D	A	C
Polyglycol		D	D	D	D	D	A	C
Polyvinyl Acetate Emulsion		D	D	D	D	D	A	D
Potassium (Molten)		D	D	D	D	D	D	D
Potassium Acetate		A	D	D	D	D	A	C
Potassium Acid Sulfate		D	D	D	D	D	A	C
Potassium Alum		D	D	D	D	D	A	C
Potassium Aluminum Sulfate		D	D	D	D	D	A	C
Potassium Antimonate		D	D	D	D	D	A	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Potassium Bicarbonate		D	B	A	A	D	D	D	D
Potassium Bichromate		D	D	D	D	D	A	C	C
Potassium Bifluoride		D	D	D	D	D	A	C	C
Potassium Bisulfate		D	D	D	D	D	A	C	C
Potassium Bisulfite		D	D	D	D	D	A	C	C
Potassium Bitartrate		D	D	D	D	D	A	C	C
Potassium Bromide		A	D	D	D	D	A	C	C
Potassium Carbonate		A	B	A	A	D	D	D	D
Potassium Chlorate		A	D	D	D	D	A	C	C
Potassium Chloride		A	B	D	D	A	A	A	A
Potassium Chromates		D	D	D	D	D	A	C	C
Potassium Citrate		D	D	D	D	D	A	C	C
Potassium Cupro Cyanide		D	D	D	D	D	A	A	A
Potassium Cyanate		D	D	D	D	D	A	C	C
Potassium Cyanide		A	B	A	A	A	A	A	A
Potassium Dichromate		D	D	D	D	D	A	A	A
Potassium Dihydrogen Phosphate, pure - Salt, Inorganic		A	D	D	D	D	D	D	D
Potassium Diphosphate		D	D	D	D	D	A	C	C
Potassium Ferricyanide		D	D	D	D	D	A	C	C
Potassium Fluoride		D	D	D	D	D	A	C	C
Potassium Glucocyanate		D	D	D	D	D	A	C	C
Potassium Hydroxide 50%		A	C	A	A	A	A	C	C
Potassium Hydroxide, 1% - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Potassium Hydroxide, 10% - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Potassium Hydroxide, 15% - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Potassium Hydroxide, 1N - Base/Caustic, Inorganic		A	D	D	D	D	D	D	D
Potassium Hydroxide, 30% - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Potassium Hydroxide, 32% - Base/Caustic, Inorganic		A	B	A	A	D	A	C	C
Potassium Hydroxide, 3N - Base/Caustic, Inorganic		A	D	D	D	D	D	D	D
Potassium Hydroxide, 45% - Base/Caustic, Inorganic		A	D	D	D	D	D	D	D
Potassium Hydroxide, 5% - Base/Caustic, Inorganic		A	D	D	D	D	D	D	D
Potassium Hydroxide, 6N - Base/Caustic, Inorganic		A	D	D	D	D	D	D	D
Potassium Hydroxide, concentrated - Base/Caustic, Inorganic		A	D	D	D	D	D	D	D
Potassium Hydroxide, pure - Base/Caustic, Inorganic		A	D	D	D	D	D	D	D
Potassium Hypochlorite		D	D	D	D	D	A	C	C
Potassium Iodate		D	D	D	D	D	A	C	C
Potassium Iodide		A	D	D	D	D	A	C	C
Potassium Metabisulfate		D	D	D	D	D	A	C	C
Potassium Metachromate		D	D	D	D	D	A	C	C
Potassium Metasilicate		D	D	D	D	D	D	D	D
Potassium Monochromate		D	D	D	D	D	A	C	C
Potassium Nitrate		D	B	A	A	D	A	A	A
Potassium Nitrite		D	D	D	D	D	A	C	C
Potassium Oxalate		D	D	D	D	D	A	C	C
Potassium Perchlorate		D	D	D	D	D	A	C	C
Potassium Perfluoro Acetate		D	D	D	D	D	D	D	D
Potassium Permanganate		D	B	A	A	D	A	C	C
Potassium Permanganate, pure - Salt, Inorganic, Oxidizer		A	D	D	D	D	D	D	D
Potassium Peroxide		D	D	D	D	D	D	D	D
Potassium Persulfate		D	D	D	D	D	A	C	C
Potassium Phosphate (Acid)		D	B	A	A	A	A	D	D
Potassium Phosphate (Alkaline)		D	B	A	A	A	A	D	D
Potassium Phosphate (Di/Tri Basic)		A	D	D	D	A	A	C	C
Potassium Phosphate Monobasic, pure - Salt, Inorganic		A	D	D	D	D	D	D	D
Potassium Pyrosulfate		D	D	D	D	D	A	C	C
Potassium Salts		D	D	D	D	D	A	A	A
Potassium Silicate		D	B	A	A	D	A	A	A
Potassium Sodium Tartrate		D	D	D	D	D	A	C	C
Potassium Stannate		D	D	D	D	D	A	C	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Potassium Stearate		D	D	D	D	D	A	C	C
Potassium Sulfate		A	A	A	A	A	A	A	A
Potassium Sulfide		D	D	D	D	A	A	C	C
Potassium Sulfite		D	D	D	D	A	A	A	A
Potassium Tartrate		D	D	D	D	D	A	C	C
Potassium Thiocyanate		D	D	D	D	D	A	C	C
Potassium Thiosulfate		D	D	D	D	D	A	C	C
Potassium Triphosphate		D	D	D	D	D	A	C	C
Prestone Antifreeze		D	D	D	D	D	A	A	A
PRL-High Temp. Hydr. Oil		D	D	D	D	D	C	A	B
Producer Gas		D	D	D	D	D	C	A	A
Propane		C	A	A	A	A	C	A	A
Propane, liquid - Hydrocarbon, Aliphatic		D	A	A	A	D	C	A	A
Propanol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D	D
Propionaldehyde		D	A	A	A	D	A	C	C
Propionic Acid		A	B	A	A	D	A	C	C
Propionitrile		D	D	D	D	D	C	A	A
Propyl Acetate		B	A	A	A	D	C	C	C
Propyl Acetone or n-Propyl Acetone		D	D	D	D	D	A	C	C
Propyl Alcohol		A	A	A	A	A	A	A	A
Propyl Nitrate		A	D	D	D	D	B	C	C
Propyl Propionate		D	D	D	D	D	A	C	C
Propylamine		D	D	D	D	D	A	C	C
Propylbenzene		D	D	D	D	D	D	A	D
Propylene		D	A	A	A	D	C	A	C
Propylene Chloride		D	D	D	D	D	D	A	D
Propylene Chlorohydrin		D	D	D	D	D	D	A	D
Propylene Dichloride		D	D	D	D	D	D	A	D
Propylene Glycol		A	A	A	A	D	A	D	D
Propylene Glycol Acetate, pure - Ester, Aliphatic, Polyol		D	D	D	D	D	D	D	D
Propylene Imine		D	D	D	D	D	D	A	D
Propylene Oxide		A	A	A	A	D	C	C	C
Prussic Acid, Hydrogen, pure - Acid, Inorganic		A	D	D	D	D	D	D	D
Pseudocumene, pure - Hydrocarbon, Aromatic		C	D	D	D	D	D	D	D
Pydraul 90e		D	D	D	D	D	A	A	C
Pydraul, 10E		D	D	D	D	D	A	C	C
Pydraul, 115E		D	D	D	D	D	A	A	C
Pydraul, 230C, 312C, 540C, A200		D	D	D	D	D	C	A	C
Pydraul, 29ELT 30E, 50E, 65E		D	D	D	D	D	A	A	C
Pyranol Transformer Oil		D	D	D	D	D	C	A	A
Pyridine		A	A	A	A	D	C	D	C
Pyridine Oil		D	D	D	D	D	B	C	C
Pyridine Sulfate		D	D	D	D	D	A	C	C
Pyridine Sulfonic Acid		D	D	D	D	D	A	C	C
Pyridine, 5% - Amine, Heterocyclic		A	D	D	D	D	D	D	D
Pyridine, 50% - Amine, Heterocyclic		A	D	D	D	D	D	D	D
Pyrogallol (Pyrogalllic Acid)		D	D	D	D	D	C	A	B
Pyrogard 42, 43, 55		D	D	D	D	D	A	A	C
Pyrogard 53, Mobil Phosphate Ester		D	D	D	D	D	A	A	C
Pyrogard D, Mobil Water-in-Oil Emulsion		D	D	D	D	D	C	C	A
Pyroligneous Acid		D	D	D	D	D	B	C	C
Pyrolube		D	D	D	D	D	B	A	C
Pyrosulfuric Acid		D	D	D	D	D	A	C	C
Pyrosulfuryl Chloride		D	D	D	D	D	C	A	B
Pyrrole		D	D	D	D	D	C	C	C
Pyruvic Acid		D	D	D	D	D	A	C	C
Quinidine		D	D	D	D	D	C	A	B
Quinine		D	D	D	D	D	C	A	B
Quinine Bisulfate		D	D	D	D	D	A	C	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
Quinine Hydrochloride		D	D	D	D	D	A	C	C
Quinine Sulfate		D	D	D	D	D	A	C	C
Quinine Tartrate		D	D	D	D	D	A	C	C
Quinizarin		D	D	D	D	D	C	A	B
Quinoline		D	D	D	D	D	C	A	B
Quinone		D	D	D	D	D	C	A	B
Radiation (GAMMA, 1.0 E+07 RADS)		D	D	D	D	D	B	C	C
Raffinate		D	D	D	D	D	C	A	B
Rapeseed Oil		D	D	D	D	D	A	A	B
Red Line 100 Oil		D	D	D	D	D	C	A	A
Red Oil (MIL-H-5606)		D	D	D	D	D	C	A	A
Resorcinol		A	D	D	D	D	A	C	C
Resorcinol, pure - Alcohol, Aromatic, Polyol		A	D	D	D	D	D	D	D
Resorcinol, saturated - Alcohol, Aromatic, Polyol		A	D	D	D	D	D	D	D
Rhodium		D	D	D	D	D	D	D	D
Riboflavin		D	D	D	D	D	C	A	B
Ricinoleic Acid		D	D	D	D	D	C	A	B
RJ-1 (MIL-F-25558)		D	D	D	D	D	C	A	A
RJ-4 (MIL-F-82522)		D	D	D	D	D	C	A	B
Rosin		D	D	D	D	D	C	A	B
RP-1 (MIL-R-25576)		D	D	D	D	D	C	A	A
Rubidium Bromide, pure - Salt, Inorganic		A	D	D	D	D	D	D	D
Rubidium Chloride, pure - Salt, Inorganic		A	D	D	D	D	D	D	D
Saccharin Solution		D	D	D	D	D	A	C	C
Sal Ammoniac		A	D	D	D	D	A	A	A
Salicylaldehyde, pure - Ester, Aromatic		A	D	D	D	D	D	D	D
Salicylic Acid		A	B	A	A	D	A	A	C
Santo Safe 300		D	D	D	D	D	C	A	C
SDS, pure - Detergent		A	D	D	D	D	D	D	D
Sea (Salt) Water		A	B	A	A	A	A	A	A
Sebacic Acid		D	D	D	D	D	A	C	C
sec-Butanol, 100% - Alcohol, Aliphatic		A	D	D	D	D	D	D	D
sec-Butanol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D	D
sec-Butyl Alcohol, 100% - Alcohol, Aliphatic		A	D	D	D	D	D	D	D
sec-Butyl Alcohol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D	D
Selenic Acid		D	D	D	D	D	A	C	C
Selenous Acid		D	D	D	D	D	A	C	C
Sera - Misc.		A	D	D	D	D	D	D	D
Sesame Oil, pure - Misc.		D	D	D	D	D	D	D	D
Sewage		D	A	A	A	D	A	A	A
SF 1154 GE Silicone Fluid		D	D	D	D	D	A	A	B
SF1147 GE Silicone Fluid		D	D	D	D	D	C	A	B
SF96 GE Silicone Fluid		D	D	D	D	D	A	A	B
Shell 3XF Mine Fluid (Fire resist hydr.)		D	D	D	D	D	C	A	A
Shell Alvania Grease #2		D	D	D	D	D	C	A	A
Shell Carnea 19 and 29		D	D	D	D	D	C	A	A
Shell Diala		D	D	D	D	D	C	A	A
Shell Iru 905		D	D	D	D	D	C	A	A
Shell Lo Hydrax 27 and 29		D	D	D	D	D	C	A	A
Shell Macome 72		D	D	D	D	D	C	A	A
Shell Tellus #32 Pet. Base		D	D	D	D	D	C	A	A
Shell Tellus #68		D	D	D	D	D	C	A	A
Shell Tellus 27 (Petroleum Base)		D	D	D	D	D	C	A	A
Shell Tellus 33		D	D	D	D	D	C	A	A
Shell UMF (5% Aromatic)		D	D	D	D	D	C	A	A
Shellac		D	D	D	D	A	A	C	C
Shipley AZ-111 Photoresist - Misc., Photoresist		D	D	D	D	D	D	D	D
Shipley AZ-1350 Photoresist - Misc., Photoresist		D	D	D	D	D	D	D	D
Shipley AZ-340 Photoresist - Misc., Photoresist		D	D	D	D	D	D	D	D

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
Silane		D	D	D	D	D	D	D	D
Silica Gel, pure - Acid, Inorganic		D	D	D	D	D	D	D	D
Silicate Esters		D	D	D	D	D	C	A	B
Silicic Acid, pure - Acid, Inorganic		D	D	D	D	D	D	D	D
Silicon Fluoride		D	D	D	D	D	D	D	D
Silicon Tetrachloride		D	D	D	D	D	D	D	D
Silicon Tetrafluoride		D	D	D	D	D	D	D	D
Silicone Greases		D	D	D	D	D	A	A	A
Silicone Oils		A	A	A	A	D	A	A	A
Silver Acetate, pure - Salt, Organic		A	D	D	D	D	D	D	D
Silver Bromide		D	D	D	D	D	A	C	C
Silver Chloride		D	C	A	A	D	A	D	D
Silver Cyanide		A	D	D	D	D	A	C	C
Silver Nitrate		A	A	A	A	D	A	A	C
Silver Sulfate		D	D	D	D	D	A	C	C
Sinclair Opaline CX-EP Lube		D	D	D	D	D	C	A	A
Skelly, Solvent B, C, E		D	D	D	D	D	C	A	A
Skydrol 500 B4		D	D	D	D	D	A	C	C
Skydrol 7000		D	D	D	D	D	A	B	C
Skydrol LD-4		A	D	D	D	D	A	C	C
Soap Solutions		D	A	A	A	A	A	A	A
Socony Mobile Type A		D	D	D	D	D	C	A	A
Socony Vacuum AMV AC781 (grease)		D	D	D	D	D	C	A	A
Socony Vacuum PD959B		D	D	D	D	D	C	A	A
Soda Ash		D	A	A	A	D	A	A	A
Sodium (Molten)		D	D	D	D	D	D	D	D
Sodium Acetate		A	B	A	A	A	A	C	C
Sodium Acid Bisulfate		D	D	D	D	A	A	C	C
Sodium Acid Fluoride		D	D	D	D	D	A	C	C
Sodium Acid Sulfate		D	D	D	D	D	A	C	C
Sodium Aluminate		D	D	D	D	D	A	C	C
Sodium Aluminate Sulfate		D	D	D	D	D	A	C	C
Sodium Anthraquinone Disulfate		D	D	D	D	D	A	C	C
Sodium Antimonate		D	D	D	D	D	A	C	C
Sodium Arsenate		D	D	D	D	D	A	C	C
Sodium Arsenite		D	D	D	D	D	A	C	C
Sodium Benzoate		D	D	D	D	D	A	C	C
Sodium Bicarbonate (Baking Soda)		A	A	A	A	D	A	A	A
Sodium Bichromate		D	D	D	D	D	A	C	C
Sodium Bifluoride		D	D	D	D	D	A	C	C
Sodium Bisulfate or Bisulfite		A	C	A	A	D	A	A	A
Sodium Bisulfide		D	D	D	D	D	A	C	C
Sodium Bitartrate		D	D	D	D	D	A	C	C
Sodium Borate		A	A	A	A	D	A	A	A
Sodium Bromate		D	D	D	D	D	A	C	C
Sodium Bromide		A	B	A	A	D	A	C	C
Sodium Carbonate (Soda Ash)		A	A	A	A	A	A	A	A
Sodium Carbonate, 2% - Base/Caustic, Inorganic		A	D	D	D	D	D	D	D
Sodium Chlorate		A	B	A	A	A	A	D	C
Sodium Chloride		A	B	A	A	A	A	A	A
Sodium Chlorite		D	D	D	D	D	A	C	C
Sodium Chloroacetate		D	D	D	D	D	A	C	C
Sodium Chromate		D	A	C	A	D	D	C	D
Sodium Citrate		D	D	D	D	D	A	C	C
Sodium Cyanamide		D	D	D	D	D	A	C	C
Sodium Cyanate		D	D	D	D	D	A	C	C
Sodium Cyanide		A	C	A	A	A	A	C	A
Sodium Diacetate		D	D	D	D	D	A	C	C
Sodium Dichromate, pure - Salt, Inorganic		A	D	D	D	D	D	D	D

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION	Polypropylene	316SS	Carbon	PTE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
	Sodium Dihydrogen Phosphate, pure - Salt, Inorganic	A	D	D	D	D	D	D
	Sodium Diphenyl Sulfonate	D	D	D	D	D	A	C
	Sodium Diphosphate	D	D	D	D	D	A	C
	Sodium Disilicate	D	D	D	D	D	A	C
	Sodium Dodecyl Sulfate, pure - Detergent	A	D	D	D	D	D	D
	Sodium Ethylate	D	D	D	D	D	A	C
	Sodium Ferricyanide	D	B	A	A	D	A	D
	Sodium Ferrocyanide	D	D	D	D	D	A	C
	Sodium Fluoride	D	D	D	D	D	A	C
	Sodium Fluorosilicate	D	D	D	D	D	A	C
	Sodium Glutamate	D	D	D	D	D	A	C
	Sodium Hydride	D	D	D	D	D	D	D
	Sodium Hydrogen Sulfate	D	D	D	D	D	A	C
	Sodium Hydrosulfide	D	A	A	A	D	A	C
	Sodium Hydrosulfite	D	D	D	D	D	A	C
	Sodium Hydroxide, <1% - Base/Caustic, Inorganic	A	D	D	D	D	D	D
	Sodium Hydroxide, 1% - Base/Caustic, Inorganic	A	A	A	A	D	A	C
	Sodium Hydroxide, 10% - Base/Caustic, Inorganic	A	A	A	A	D	A	C
	Sodium Hydroxide, 1N - Base/Caustic, Inorganic	A	D	D	D	D	D	D
	Sodium Hydroxide, 3 Molar	A	D	D	D	A	A	B
	Sodium Hydroxide, 32% - Base/Caustic, Inorganic	A	C	A	A	D	A	C
	Sodium Hydroxide, 5% - Base/Caustic, Inorganic	A	A	A	A	D	A	C
	Sodium Hydroxide, 50% - Base/Caustic, Inorganic	A	C	A	A	D	A	C
	Sodium Hydroxide, 52% - Base/Caustic, Inorganic	A	C	A	A	D	A	C
	Sodium Hydroxide, 6N - Base/Caustic, Inorganic	A	D	D	D	D	D	D
	Sodium Hydroxide, concentrated - Base/Caustic, Inorganic	A	D	D	D	D	D	D
	Sodium Hydroxide, pure - Base/Caustic, Inorganic	A	D	D	D	D	D	D
	Sodium Hypochlorite	C	C	C	A	A	A	A
	Sodium Hypophosphate	D	D	D	D	D	A	C
	Sodium Hypophosphite	D	D	D	D	D	A	C
	Sodium Hyposulfite	D	D	D	D	D	A	C
	Sodium Iodide	A	D	D	D	D	A	C
	Sodium Lactate	D	D	D	D	D	A	C
	Sodium Lauryl Sulfate, pure - Detergent	A	D	D	D	D	D	D
	Sodium Metaborate, pure - Salt, Inorganic	D	D	D	D	D	D	D
	Sodium Metaphosphate	D	D	D	D	A	A	A
	Sodium Metasilicate	D	A	A	A	A	A	D
	Sodium Methylate	D	D	D	D	D	A	C
	Sodium Monophosphate	D	D	D	D	D	A	C
	Sodium Nitrate	A	A	A	A	A	A	C
	Sodium Oleate	D	D	D	D	D	A	C
	Sodium Orthosilicate	D	D	D	D	D	A	C
	Sodium Oxalate	D	D	D	D	D	A	C
	Sodium Perborate	A	D	D	D	A	A	A
	Sodium Percarbonate	D	D	D	D	D	A	C
	Sodium Perchlorate	D	B	A	A	D	A	C
	Sodium Peroxide	D	D	D	D	A	A	A
	Sodium Persulfate	D	D	D	D	D	A	C
	Sodium Phenolate	D	D	D	D	D	A	C
	Sodium Phenoxide	D	D	D	D	D	A	C
	Sodium Phosphate (Dibasic)	A	A	A	A	A	A	A
	Sodium Phosphate (Mono)	A	A	A	A	A	A	A
	Sodium Phosphate (Tribasic)	D	A	A	A	A	A	A
	Sodium Phosphate, pure - Salt, Inorganic	A	D	D	D	D	D	D
	Sodium Plumbite	D	D	D	D	D	A	C
	Sodium Pyrophosphate	D	D	D	D	D	A	C
	Sodium Resinate	D	D	D	D	D	A	C
	Sodium Salicylate	D	D	D	D	D	A	C
	Sodium Salts	D	D	D	D	D	A	A

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Sodium Sesquisilicate		D	D	D	D	D	D	D	D
Sodium Silicate		A	A	A	A	A	A	A	A
Sodium Silicofluoride		D	D	D	D	D	D	D	D
Sodium Stannate		D	D	D	D	D	A	C	C
Sodium Sulfate		A	B	A	A	A	A	A	A
Sodium Sulfide		A	C	A	A	A	A	A	A
Sodium Sulfite		A	A	A	A	A	A	A	A
Sodium Sulfocyanide		D	D	D	D	D	A	C	C
Sodium Tartrate		D	D	D	D	D	A	C	C
Sodium Tetraborate		A	D	D	D	D	A	C	C
Sodium Tetraphosphate		D	D	D	D	D	A	C	C
Sodium Tetrasulfide		D	D	D	D	D	A	C	C
Sodium Thioarsenate		D	D	D	D	D	A	C	C
Sodium Thiocyanate		D	D	D	D	D	A	C	C
Sodium Thiosulfate		A	A	A	A	A	A	A	C
Sodium Trichloroacetate		D	D	D	D	D	A	C	C
Sodium Triphosphate		D	D	D	D	D	A	C	C
Solution 555, 20% - Misc.		D	D	D	D	D	D	D	D
Solvesso 100, 150		D	D	D	D	D	D	D	D
Sorbitol		D	D	D	D	D	A	C	C
Sour Crude Oil		D	D	D	D	D	C	A	C
Sour Natural Gas		D	D	D	D	D	C	A	C
Sovasol No. 1, 2, and 3		D	D	D	D	D	C	A	A
Sovasol No. 73 and 74		D	D	D	D	D	C	A	B
Soybean Oil		D	A	A	A	D	C	A	A
Spry		D	D	D	D	D	B	A	A
SR-10 Fuel		D	D	D	D	D	C	A	A
SR-6 Fuel		D	D	D	D	D	C	A	B
Standard Oil Mobilube GX90-EP Lube		D	D	D	D	D	C	A	A
Stannic Ammonium Chloride		D	D	D	D	D	A	C	C
Stannic Chloride		D	C	A	A	D	A	A	A
Stannic Chloride, 50%		D	D	D	D	D	A	A	A
Stannic Tetrachloride		D	D	D	D	D	A	C	C
Stannous Bisulfate		D	D	D	D	D	A	C	C
Stannous Bromide		D	D	D	D	D	A	C	C
Stannous Chloride (15%)		D	D	D	D	D	A	A	A
Stannous Fluoride		D	D	D	D	D	A	C	C
Stannous Sulfate		D	D	D	D	D	A	C	C
Stauffer 7700		D	D	D	D	D	C	A	B
Steam Below 400°F		D	D	D	D	D	A	C	C
Steam, 400°-500°F		D	D	D	D	D	C	C	C
Steam, Above 500°F		D	D	D	D	D	D	D	D
Stearic Acid		A	A	A	A	A	C	C	C
Stoddard Solvent		D	A	A	A	D	C	A	A
Strontium Acetate		D	D	D	D	D	A	C	C
Strontium Carbonate		D	D	D	D	D	A	C	C
Strontium Chloride		D	D	D	D	D	A	C	C
Strontium Hydroxide		D	D	D	D	D	A	C	C
Strontium Nitrate		D	D	D	D	D	A	C	C
Styrene (Monomer)		D	A	A	A	A	C	C	C
Succinic Acid		D	B	A	A	D	D	C	C
Sucrose Solutions		A	A	A	A	D	A	A	A
Sulfamic Acid		D	D	D	D	D	A	C	C
Sulfanilic Acid		D	D	D	D	D	A	C	C
Sulfanilic Chloride		D	D	D	D	D	C	A	B
Sulfanilimide		D	D	D	D	D	C	A	B
Sulfite Liquors		D	D	D	D	D	A	C	C
Sulfolane		D	D	D	D	D	A	B	B
Sulfonated Oils		D	D	D	D	D	C	A	B

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION	Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
	Sulfonic Acid	D	D	D	D	D	A	C	C
	Sulfonyl Chloride	D	D	D	D	D	A	C	C
	Sulfosalicylic Acid, pure - Acid, Organic, Aromatic	D	D	D	D	D	D	D	D
	Sulfur	D	D	D	D	A	A	A	C
	Sulfur (Molten)	D	D	D	D	D	C	A	C
	Sulfur Chloride	D	D	D	D	D	C	A	C
	Sulfur Dioxide, Dry	A	D	D	D	A	A	C	C
	Sulfur Dioxide, dry gas - Misc.	A	D	D	D	D	D	D	D
	Sulfur Dioxide, liquid - Misc.	A	D	D	D	D	D	D	D
	Sulfur Dioxide, Liquidified under pressure	D	D	D	D	D	A	C	C
	Sulfur Dioxide, pure - Misc.	A	D	D	D	D	D	D	D
	Sulfur Dioxide, Wet	A	B	A	A	D	A	C	C
	Sulfur Hexafluoride	D	D	D	D	D	A	C	B
	Sulfur Liquors	D	D	D	D	D	B	A	B
	Sulfur Monochloride	D	D	D	D	D	C	A	A
	Sulfur Salts, pure - Salt, Inorganic	C	D	D	D	D	D	D	D
	Sulfur Tetrafluoride	D	D	D	D	D	D	D	D
	Sulfur Trioxide Dry	D	D	D	D	A	B	A	C
	Sulfuric Acid (20% Oleum)	A	B	C	A	A	D	C	C
	Sulfuric Acid, 10% - Acid, Inorganic	A	C	A	A	D	C	A	C
	Sulfuric Acid, 100% - Acid, Inorganic	C	D	D	D	D	D	D	D
	Sulfuric Acid, 25% - Acid, Inorganic	A	C	A	A	D	C	D	C
	Sulfuric Acid, 2N - Acid, Inorganic	A	D	D	D	D	D	D	D
	Sulfuric Acid, 3 Molar to 158°F	D	D	D	D	A	A	A	B
	Sulfuric Acid, 30% - Acid, Inorganic	A	C	A	A	D	C	A	C
	Sulfuric Acid, 50% - Acid, Inorganic	B	C	A	A	D	C	A	C
	Sulfuric Acid, 6% - Acid, Inorganic	A	C	A	A	D	C	A	C
	Sulfuric Acid, 60% - Acid, Inorganic	B	C	A	A	D	C	A	C
	Sulfuric Acid, 6N - Acid, Inorganic	B	D	D	D	D	D	D	D
	Sulfuric Acid, 75% - Acid, Inorganic	C	C	A	A	D	C	A	C
	Sulfuric Acid, 96% - Acid, Inorganic	C	C	C	A	D	C	A	C
	Sulfuric Acid, 98% - Acid, Inorganic	C	C	C	A	D	C	A	C
	Sulfuric Acid, Concentrated Room Temp	C	C	C	A	A	C	A	C
	Sulfuric Acid, Concentrated to 158°F	C	D	D	D	A	C	A	C
	Sulfuric Acid, fuming - Acid, Inorganic	C	D	D	D	D	D	D	D
	Sulfuric Acid, pure - Acid, Inorganic	C	D	D	D	D	D	D	D
	Sulfuric Chlorohydrin (Chlorosulfonic Acid)	D	D	D	D	D	A	C	C
	Sulfurous Acid	A	B	A	A	A	C	A	C
	Sulfuryl Chloride, pure - Misc.	C	D	D	D	D	D	D	D
	Sunoco #3661	D	D	D	D	D	C	A	A
	Sunoco All purpose grease	D	D	D	D	D	C	A	A
	Sunoco SAE 10	D	D	D	D	D	C	A	A
	Sunsafe (Fire resist. hydr. fluid)	D	D	D	D	D	C	A	A
	Super Shell Gas	D	D	D	D	D	C	A	A
	Surfuryl Chloride	D	D	D	D	D	A	C	C
	Swan Finch EP Lube	D	D	D	D	D	C	A	A
	Swan Finch Hypoid-90	D	D	D	D	D	C	A	A
	sym-Trimethylbenzene, pure - Hydrocarbon, Aromatic	C	D	D	D	D	D	D	D
	Tallow	D	D	D	D	D	C	A	A
	Tannic Acid (10%)	D	A	A	A	A	A	A	A
	Tannic Acid, pure - Acid, Organic	A	A	A	A	D	A	A	A
	Tap Water - Misc.	A	A	A	A	D	A	A	A
	Tar, bituminous	D	A	A	A	A	D	A	B
	Tartaric Acid	A	A	A	A	A	C	A	A
	TCA, 10% - Acid, Organic, Halogenated	A	D	D	D	D	D	D	D
	TCA, 100% - Acid, Organic, Halogenated	B	D	D	D	D	D	D	D
	TCA, 25% - Acid, Organic, Halogenated	B	D	D	D	D	D	D	D
	TCA, pure - Acid, Organic, Halogenated	B	D	D	D	D	D	D	D
	Tellone II	D	D	D	D	D	D	D	D

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	PTFE (Teflon-type)	Ceramic	Fluorocarbon (Viton-type)	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Terephthalic Acid		D	D	D	D	D	A	C
Terpineol		D	D	D	D	D	C	A
Terpinyl Acetate		D	D	D	D	D	C	A
tert-Butanol, 100% - Alcohol, Aliphatic		A	D	D	D	D	D	D
tert-Butanol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D
tert-Butyl Alcohol, 100% - Alcohol, Aliphatic		A	D	D	D	D	D	D
tert-Butyl Alcohol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D
Tertiary Amyl Methyl Ether (TAME)		D	D	D	D	D	D	D
Tertiary Butyl Catechol or p-Tert Butyl Catechol		D	D	D	D	D	B	A
Tertiary Butyl Mercaptan		D	D	D	D	D	C	A
Tetrabromoethane		D	D	D	D	D	C	A
Tetrabromomethane		D	D	D	D	D	C	A
Tetrabutyl Titanate		D	D	D	D	D	A	A
Tetrachloroethylene		C	B	A	A	D	C	A
Tetrachloroethane		D	C	A	A	D	C	A
Tetraethyl Lead		D	B	A	A	D	C	A
Tetraethyl Lead Blend		D	D	D	D	D	C	A
Tetraethyl Orthosilicate (TEOS)		D	D	D	D	D	D	D
Tetrahydrofuran		B	B	A	A	D	C	C
Tetrahydronaphthalene, pure - Hydrocarbon, Aromatic		C	D	D	D	D	D	D
Tetralin		C	D	D	D	D	C	A
Tetramethyl Ammonium Hydroxide		D	D	D	D	D	A	C
Tetramethylcyclotetrasiloxane (TMCTS)		D	D	D	D	D	D	D
Tetramethyldihydropyridine		D	D	D	D	D	C	A
Tetramethyldihydropyridine		D	D	D	D	D	C	A
Tetraphosphoglucosate		D	D	D	D	D	A	C
Tetraphosphoric Acid		D	D	D	D	D	D	D
Texaco 3450 Gear Oil		D	D	D	D	D	C	A
Texaco Capella A and AA		D	D	D	D	D	C	A
Texaco Meropa 220 (No Lead)		D	D	D	D	D	C	A
Texaco Regal B		D	D	D	D	D	C	A
Texaco Uni-Temp Grease		D	D	D	D	D	C	A
Texamatic A 1581 Fluid		D	D	D	D	D	C	A
Texamatic A 3401 Fluid		D	D	D	D	D	C	A
Texamatic A 3525 Fluid		D	D	D	D	D	C	A
Texamatic A 3528 Fluid		D	D	D	D	D	C	A
Texamatic A Transmission Oil		D	D	D	D	D	C	A
Texas 1500 Oil		D	D	D	D	D	C	A
TFA, 100% - Acid, Organic, Halogenated		D	D	D	D	D	D	D
TFA, 20% - Acid, Organic, Halogenated		D	D	D	D	D	D	D
TFA, 4% - Acid, Organic, Halogenated		A	D	D	D	D	D	D
TFA, 48% - Acid, Organic, Halogenated		A	D	D	D	D	D	D
TFA, pure - Acid, Organic, Halogenated		D	D	D	D	D	D	D
Therminol 44		D	A	A	A	D	C	A
Therminol 55		D	A	A	A	D	C	A
Therminol 66		D	A	A	A	D	C	A
Therminol FR		D	A	A	A	D	C	A
Therminol VP-1, 60, 65		D	A	A	A	D	C	A
THF, pure - Ether, Cyclic		B	D	D	D	D	D	D
Thio Acid Chloride		D	D	D	D	D	D	D
Thioamyl Alcohol		D	D	D	D	D	C	A
Thiodiacetic Acid		D	D	D	D	D	A	C
Thioethanol		D	D	D	D	D	A	C
Thioglycolic Acid		D	D	D	D	D	A	C
Thiokol TP-90B		D	D	D	D	D	A	A
Thiokol TP-95		D	D	D	D	D	A	A
Thionyl Chloride		C	D	D	D	D	C	A
Thiophene (Thiofuran)		D	D	D	D	D	C	A
Thiophosphoryl Chloride		D	D	D	D	D	A	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Thiourea		D	D	D	D	D	A	C
Thorium Nitrate		D	D	D	D	D	A	C
Tidewater Multigear, 140 EP Lube		D	D	D	D	D	C	A
Tidewater Oil-Beedol		D	D	D	D	D	C	A
Tin Ammonium Chloride		D	D	D	D	D	A	C
Tin Chloride		D	D	D	D	D	C	A
Tin Tetrachloride		D	D	D	D	D	C	A
Tincture of Iodine - Misc.		A	D	D	D	D	D	D
Titanic Acid		D	D	D	D	D	A	C
Titanium Dioxide		D	A	A	A	D	A	D
Titanium Sulfate		D	D	D	D	D	A	C
Titanium Tetrachloride		D	B	A	A	D	C	A
Toluene		C	A	A	A	A	C	D
Toluene Bisodium Sulfite		D	D	D	D	D	D	D
Toluene Diisocyanate (TDI)		D	D	D	D	D	B	C
Toluene Sulfonyl Chloride		D	D	D	D	D	C	A
Toluenesulfonic Acid		D	D	D	D	D	A	C
Toluidine		D	D	D	D	D	C	A
Toluol		C	D	D	D	A	A	C
Toluquinone		D	D	D	D	D	C	A
Tolylaldehyde		D	D	D	D	D	A	C
Transformer Oil		A	D	D	D	D	C	A
Transmission Fluid Type A		D	A	A	A	D	C	A
Triacetin		D	D	D	D	D	A	C
Triaryl Phosphate		D	D	D	D	D	A	A
Tribasic Potassium Phosphate, pure - Salt, Inorganic		A	D	D	D	D	D	D
Tribromomethylbenzene		D	D	D	D	D	C	A
Tributoxyethyl Phosphate		D	D	D	D	D	A	A
Tributyl Citrate		B	D	D	D	D	A	C
Tributyl Mercaptan		D	D	D	D	D	C	A
Tributyl Phosphate		D	D	D	D	A	A	C
Tributylamine		D	D	D	D	D	D	D
Trichloroacetic Acid		B	C	A	A	D	C	C
Trichloroacetyl Chloride		D	D	D	D	D	C	A
Trichlorobenzene		C	A	A	A	D	C	A
Trichloroethane		C	A	A	A	D	C	A
Trichloroethanolamine		C	D	D	D	D	A	C
Trichloroethylene		C	A	A	A	D	C	A
Trichlorofluoromethane, pure - Hydrocarbon, Aliphatic, Halogenated		D	D	D	D	D	D	D
Trichloromethane		D	D	D	D	D	C	A
Trichloronitromethane (Chloropicrin)		D	D	D	D	D	A	C
Trichlorophenylsilane		D	D	D	D	D	D	D
Trichloropropane		D	D	D	D	D	C	A
Trichlorosilane		D	D	D	D	D	C	A
Trichlorotrifluoroethane, pure - Hydrocarbon, Aliphatic, Halogenated		A	D	D	D	D	D	D
Tricresyl Phosphate		A	D	D	D	D	A	B
Triethanol Amine		D	A	A	A	D	C	C
Triethanolamine, pure - Amine, Aliphatic		C	A	A	A	D	C	C
Triethyl Phosphate		D	D	D	D	D	C	A
Triethylaluminum		D	D	D	D	D	D	D
Triethylamine, pure - Amine, Aliphatic		D	D	D	D	D	D	D
Triethylborane		D	D	D	D	D	D	D
Triethylene Glycol		D	D	D	D	D	A	C
Triethylene Glycol, pure - Alcohol, Aliphatic, Polyol		A	D	D	D	D	D	D
Triethylenetetramine		D	D	D	D	D	A	C
Trifluoroacetic Acid		D	D	D	D	D	A	C
Trifluoroethane		D	D	D	D	D	C	A
Trifluoromethane		D	D	D	D	D	C	A
Trifluorovinylchloride		D	D	D	D	D	C	A

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION								
A	No known effect								
B	Some effect, evaluate with caution								
C	Moderate to Severe effect, evaluation not recommended								
D	Unknown								
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	EPDM	Nitrile / Buna N
Triisopropylbenzylchloride		D	D	D	D	D	C	A	B
Trimethylamine		D	D	D	D	D	A	C	C
Trimethylamine (TMA)		D	D	D	D	D	A	C	C
Trimethylamine, pure - Amine, Aliphatic		B	D	D	D	D	D	D	D
Trimethylbenzene		C	D	D	D	D	C	A	B
Trimethylborate (TMB)		D	D	D	D	D	C	A	B
Trimethylpentane		C	D	D	D	D	C	A	A
Trinitrotoluene (TNT)		D	D	D	D	D	C	B	C
Trioctyl Phosphate		D	D	D	D	D	A	B	C
Triphenylphosphite		D	D	D	D	D	A	C	C
Tripoly Phosphate		D	D	D	D	D	A	B	C
Tripotassium Phosphate		A	D	D	D	D	A	C	C
Tripotassium Phosphate, pure - Salt, Inorganic		A	D	D	D	D	D	D	D
Tripropylene Glycol, pure - Alcohol, Aliphatic, Polyol		A	D	D	D	D	D	D	D
Tris Buffer Solution, pure - Misc.		A	D	D	D	D	D	D	D
Trisodium Phosphate		A	D	D	D	D	A	C	C
Tritium		D	D	D	D	D	D	D	D
Triton X-100, pure - Detergent		D	D	D	D	D	D	D	D
TSP, pure - Base/Caustic, Inorganic		A	D	D	D	D	D	D	D
Tung Oil (China Wood Oil)		D	A	A	A	A	C	A	A
Tungsten Hexafluoride		D	D	D	D	D	D	D	D
Tungstic Acid		D	D	D	D	D	D	D	D
Turbine Oil		D	D	D	D	D	C	A	A
Turbine Oil #15 (MIL-L-7808A)		D	D	D	D	D	C	A	B
Turbo Oil #35		D	D	D	D	D	C	A	A
Turpentine		C	A	A	A	A	C	A	A
Type I Fuel (MIL-S-3136)(ASTM Ref. Fuel A)		D	D	D	D	D	C	A	A
Type II Fuel MIL-S-3136		D	D	D	D	D	C	A	B
Type III Fuel MIL-S-3136(ASTM Ref. Fuel B)		D	D	D	D	D	C	A	B
Ucon Hydrolube J-4		D	D	D	D	D	A	A	A
Ucon Lubricant 50-HB-100		D	D	D	D	D	A	A	A
Ucon Lubricant 50-HB-260		D	D	D	D	D	A	A	A
Ucon Lubricant 50-HB-5100		D	D	D	D	D	A	A	A
Ucon Lubricant 50-HB55		D	D	D	D	D	A	A	A
Ucon Lubricant 50-HB-660		D	D	D	D	D	A	A	A
Ucon Lubricant LB-1145		D	D	D	D	D	A	A	A
Ucon Lubricant LB-135		D	D	D	D	D	A	A	A
Ucon Lubricant LB-285		D	D	D	D	D	A	A	A
Ucon Lubricant LB-300X		D	D	D	D	D	A	A	A
Ucon Lubricant LB-625		D	D	D	D	D	A	A	A
Ucon Lubricant LB-65		D	D	D	D	D	A	A	A
Ucon Oil 50-HB-280x		D	A	A	A	D	A	D	B
Ucon Oil Heat Transfer 500(Polyalkylene Glycol)		D	A	A	A	D	A	A	A
Ucon Oil LB-385		D	A	A	A	D	A	A	A
Ucon Oil LB-400X		D	A	A	A	D	A	A	A
Undecyl Alcohol, pure - Alcohol, Aliphatic		A	D	D	D	D	D	D	D
Undecylenic Acid		D	D	D	D	D	C	A	B
Undecylic Acid		D	D	D	D	D	C	A	B
Univis 40 (Hydr. Fluid)		D	D	D	D	D	C	A	A
Univolt #35 (Mineral Oil)		D	D	D	D	A	C	A	A
Unsymmetrical Dimethyl Hydrazine (UDMH)		D	D	D	D	D	A	C	B
UPDI(Ultrapur Deionized Water)		D	D	D	D	D	A	C	C
Uranium Hexachloride		D	D	D	D	D	D	A	D
Uranium Hexafluoride		D	D	D	D	D	D	D	D
Uranium Sulfate		D	D	D	D	D	D	D	D
Urea, pure - Amine, Aliphatic		A	B	A	A	D	C	C	C
Uric Acid		D	D	D	D	D	A	C	C
Urine - Misc.		A	D	D	D	D	D	D	D
Valeraldehyde		D	D	D	D	D	A	C	C

BANJO CHEMICAL RESISTANCE CHART

CATEGORY	DESCRIPTION							
		Polypropylene	316SS	Carbon	Ceramic	PTFE (Teflon-type)	Fluorocarbon (Viton-type)	Nitrile / Buna N
A	No known effect							
B	Some effect, evaluate with caution							
C	Moderate to Severe effect, evaluation not recommended							
D	Unknown							
Valeric Acid		D	D	D	D	D	A	C
Vanadium Oxide		D	D	D	D	D	C	A
Vanadium Pentoxide		D	D	D	D	D	C	A
Varnish		D	D	D	D	A	C	A
Vegetable Oil		A	A	A	A	D	C	A
Versilube F44, F55		D	D	D	D	D	A	A
Versilube F-50		D	D	D	D	D	A	A
Vinegar		A	A	A	A	A	C	C
Vinyl Acetate		D	A	A	A	D	D	C
Vinyl Benzene		D	D	D	D	D	C	A
Vinyl Benzoate		D	D	D	D	D	C	A
Vinyl Chloride		D	A	A	A	D	C	A
Vinyl Fluoride		D	D	D	D	D	C	A
Vinylidene Chloride		C	D	D	D	D	C	A
Vinylpyridine		D	D	D	D	D	C	A
Vitriol (White)		D	D	D	D	D	A	C
VV-H-910		D	D	D	D	D	A	A
Wagner 21B Brake Fluid		D	D	D	D	D	A	C
Water		A	A	A	A	A	A	A
Waycoat 59 Photoresist - Misc., Photoresist		D	D	D	D	D	D	D
Wemco C		D	D	D	D	D	C	A
Whiskey		D	A	A	A	A	A	D
White Liquor		D	D	D	D	D	A	A
White Oil		D	D	D	D	D	C	A
White Paraffin, pure - Hydrocarbon, Mixture		B	D	D	D	D	D	D
White Pine Oil		D	D	D	D	D	C	A
White Spirits - Hydrocarbon, Mixture		D	D	D	D	D	D	D
Wine		D	A	A	A	A	A	A
Wolmar Salt		D	D	D	D	D	A	A
Wood Alcohol		D	D	D	D	D	A	C
Wood Oil		D	D	D	D	D	C	A
Xenon		D	D	D	D	D	A	A
Xylene		C	A	A	A	A	C	A
Xylidenes-Mixed-Aromatic Amines		D	D	D	D	D	A	C
Xylol		C	D	D	D	A	C	A
Zeolites		D	D	D	D	D	A	A
Zephiran Chloride, 1% - Misc., Disinfectant		A	D	D	D	D	D	D
Zephiran Chloride, 7% - Misc., Disinfectant		A	D	D	D	D	D	D
Zinc Acetate		D	D	D	D	D	A	C
Zinc Ammonium Chloride		D	D	D	D	D	A	C
Zinc Chloride		A	C	A	A	A	A	A
Zinc Chromate		D	D	D	D	D	A	C
Zinc Cyanide		D	B	A	A	D	A	D
Zinc Diethyldithiocarbamate		D	D	D	D	D	A	C
Zinc Dihydrogen Phosphate		D	D	D	D	D	A	C
Zinc Fluorosilicate		D	D	D	D	D	D	D
Zinc Hydrosulfite		D	D	D	D	D	A	C
Zinc Naphthenate		D	D	D	D	D	D	D
Zinc Nitrate		D	B	A	A	D	A	A
Zinc Oxide		D	D	D	D	D	A	A
Zinc Phenolsulfonate		D	D	D	D	D	A	C
Zinc Phosphate		D	A	A	A	D	A	A
Zinc Salts		D	D	D	D	D	A	A
Zinc Silicofluoride		D	D	D	D	D	D	D
Zinc Stearate		A	D	D	D	D	A	C
Zinc Sulfate		A	B	A	A	A	A	A
Zinc Sulfide		D	D	D	D	D	A	C
Zirconium Nitrate		D	D	D	D	D	A	A