CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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
Note:								

. Page 1								
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Category Description								
A No known effect								
B Some effect; evaluate with caution								
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D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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
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
Aerozene 50 (50% Hydrazine 50% UDMH)	D	D	D	D	D	A	C	C
Air Below 200ø F	D	D	D	D	D	A	A	B
Air; 200-300ø F	D	D	D	D	D	B	A	C
Air; 300-400ø F	D	D	D	D	D	C	A	C
Air; 400-500ø 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
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
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D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Alkyl Chloride	D	D	D	D	D	C	A	B
Alkyl Sulfide	D	D	D	D	D	C	A	B
Alkylnaphthalene 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
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
Aminosalicylic 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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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
Ammonium Phosphate; Mono-Basic	D	D	D	D	A	A	D	A
Ammonium Phosphate; Tribasic	D	D	D	D	A	A	D	A
Ammonium Phosphite	D	D	D	D	D	A	C	C
Ammonium Picrate	D	D	D	D	D	A	C	C
Ammonium Polysulfide	D	D	D	D	D	A	C	C
Ammonium Salicylate	D	D	D	D	D	A	C	C
Ammonium Salts	A	D	D	D	D	A	C	A
Ammonium Sulfamate	D	D	D	D	D	A	C	C
Ammonium Sulfate	A	B	A	A	A	A	C	A
Note:								

Call Connexion Developments Ltd on 0800 808 7799. Page 4								
CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Ammonium Sulfate Nitrate	D	D	D	D	D	A	C	A
Ammonium Sulfide	A	D	D	D	D	A	C	A
Ammonium Sulfite	D	D	D	D	D	A	C	C
Ammonium Thiocyanate	D	D	D	D	D	A	C	C
Ammonium Thioglycolate	D	D	D	D	D	A	C	C
Ammonium Thiosulfate	D	D	D	D	D	A	C	C
Ammonium Tungstate	D	D	D	D	D	A	C	C
Ammonium Valerate	D	D	D	D	D	A	C	C
Amyl Acetate	B	D	D	D	A	C	C	A
Amyl Alcohol	A	A	A	A	A	A	C	C
Amyl Borate	D	D	D	D	D	C	A	A
Amyl Butyrate	D	D	D	D	D	C	A	A
Amyl Chloride	C	D	D	D	A	C	A	D
Amyl Chloronaphthalene	D	D	D	D	D	C	A	C
Amyl Cinnamic Aldehyde	D	D	D	D	D	C	A	B
Amyl Laurate	D	D	D	D	D	C	A	B
Amyl Mercaptan	D	D	D	D	D	C	A	B
Amyl Naphthalene	D	D	D	D	D	C	A	C
Amyl Nitrate	D	D	D	D	D	A	C	C
Amyl Nitrite	D	D	D	D	D	A	C	C
Amyl Phenol	D	D	D	D	D	D	D	D
Amyl Propionate	D	D	D	D	D	C	A	A
Anderol; L- 826 (di-ester)	D	D	D	D	D	C	A	B
Anderol; L- 829 (di-ester)	D	D	D	D	D	C	A	B
Anderol; L-774 (di-ester)	D	D	D	D	D	C	A	B
ANG-25 (Di-ester Base) (TG749)	D	D	D	D	D	C	A	B
ANG-25 (Glyceral Ester)	D	D	D	D	D	A	A	B
Aniline	A	A	A	A	A	C	C	C
Aniline Dyes	D	A	A	A	A	C	C	C
Aniline Hydrochloride	D	D	D	D	D	B	B	B
Aniline Hydrochloride	D	D	D	D	D	A	C	C
Aniline Oil	D	D	D	D	D	B	C	C
Aniline Sulfate	D	D	D	D	D	A	C	C
Aniline Sulfite	D	D	D	D	D	A	C	C
Animal Fats	D	D	D	D	D	B	A	A
Animal Oil (Lard Oil)	D	D	D	D	A	B	A	A
Anisole	D	D	D	D	D	D	D	D
Anisoyl Chloride	D	D	D	D	D	D	D	D
AN-O-3 Grade M	D	D	D	D	D	C	A	A
AN-O-366	D	D	D	D	D	C	A	A
AN-O-6	D	D	D	D	D	C	A	A
Ansul Ether 161 or 181	D	D	D	D	D	C	C	C
Anthracene	D	D	D	D	D	C	A	B
Anthranilic Acid	D	D	D	D	D	D	D	D
Anthraquinone	D	D	D	D	D	D	D	D
Anti-freeze Solutions	D	D	D	D	D	A	C	C
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Antimony Chloride	D	D	D	D	D	C	A	A
Antimony Pentachloride	D	D	D	D	D	C	A	A
Antimony Pentafluoride	D	D	D	D	D	D	D	D
Antimony Sulfate	D	D	D	D	D	D	D	D
Antimony Tribromide	D	D	D	D	D	C	A	A
Antimony Trichloride	D	D	D	D	D	C	A	A
Antimony Trifluoride	D	D	D	D	D	C	A	A
Antimony Trioxide	D	D	D	D	D	C	A	A
AN-VV-O-366b Hydr. Fluid	D	D	D	D	D	C	A	A
Aqua Regia	C	C	C	A	D	C	C	C
Arachidic Acid	D	D	D	D	D	D	D	D
Argon	D	D	D	D	D	A	A	A
Aroclor; 1248 D	A	A	A	D	C	A	C	
Aroclor; 1254	D	D	D	D	D	B	A	C
Aroclor; 1260	D	D	D	D	D	D	A	A
Aromatic Fuel -50%	D	D	D	D	D	C	A	B
Arsenic Acid	A	B	A	A	A	A	A	A
Arsenic Oxide	D	D	D	D	D	D	D	D
Arsenic Trichloride	D	D	D	D	D	C	C	A
Arsenic Trioxide	D	B	A	A	D	D	D	A
Arsenic Trisulfide	D	D	D	D	D	C	C	A
Arsenites	D	D	D	D	D	D	D	D
Arsine	D	D	D	D	D	D	D	D
Aryl Orthosilicate	D	D	D	D	D	D	D	D
Ascorbic AciD	D	A	A	A	D	D	C	C
Askarel Transformer Oil	D	D	D	D	D	C	A	B
Aspartic Acid	D	D	D	D	D	A	C	C
Asphalt	D	A	A	A	A	C	A	B
ASTM Oil; No.1	D	D	D	D	D	C	A	A
ASTM Oil; No.2	D	D	D	D	D	C	A	A
ASTM Oil; No.3	D	D	D	D	D	C	A	A
ASTM Oil; No.4	D	D	D	D	D	C	A	B
ASTM Oil; No.5	D	D	D	D	D	C	A	A
ASTM Reference Fuel A	D	D	D	D	D	C	A	A
ASTM Reference Fuel B	D	D	D	D	D	C	A	A
ASTM Reference Fuel C	D	D	D	D	D	C	A	B
ASTM Reference Fuel D	D	D	D	D	D	C	A	B
Asymmetrical Trimetylbenzene; pure-Hydrocarbon; Aromatic	C	D	D	D	D	D	D	D
ATL-857	D	D	D	D	D	C	A	B
Atlantic Dominion F	D	D	D	D	D	C	A	A
Atlantic Utro Gear-e	D	D	D	D	D	C	A	A
Atlantic Utro Gear-EP Lube.	D	D	D	D	D	C	A	A
Aure 903R (Mobil)	D	D	D	D	D	C	A	A
AUREX 256	D	D	D	D	D	D	D	D
Automatic Transmission Fluid	D	D	D	D	D	C	A	A
Automotive Brake Fluid	D	D	D	D	D	A	C	C
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
AXAREL 9100	D	D	D	D	D	D	D	D
Azobenzene	D	D	D	D	D	D	D	D
Bardol B	D	D	D	D	D	C	A	C
Barium Carbonate	D	D	D	D	D	A	C	C
Barium Chlorate	D	D	D	D	D	A	C	C
Barium Chloride	D	B	A	A	D	A	A	A
Barium Cyanide	D	D	D	D	A	A	A	A
Barium Hydroxide D	A	A	A	A	A	A	A	
Barium Iodide	D	D	D	D	D	A	A	A
Barium Nitrate	D	B	A	A	D	A	C	C
Barium Oxide	D	D	D	D	D	A	A	A
Barium Peroxide	D	D	D	D	D	A	C	C
Barium Polysulfide	D	D	D	D	D	A	C	C
Barium Salts	A	D	D	D	D	A	A	A
Barium Sulfate	D	B	A	A	D	A	A	A
Barium Sulfide	D	D	D	D	A	A	A	A
Bayol 35	D	D	D	D	D	C	A	A
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
Benzoin	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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Benzoylsulfonilic 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
Boric Acid	A	B	A	A	A	A	A	A
Boric Oxide	D	D	D	D	D	A	C	C
Borneol	D	D	D	D	D	C	A	B
Bornyl Acetate	D	D	D	D	D	C	A	B
Bornyl Chloride	D	D	D	D	D	C	A	B
Bornyl Formate	D	D	D	D	D	C	A	B
Boron Fluids (HEF)	D	D	D	D	D	C	A	B
Boron Hydride	D	D	D	D	D	D	D	D
Boron Phosphate	D	D	D	D	D	D	D	D
Boron Tribromide	D	D	D	D	D	D	D	D
Boron Trichloride	D	D	D	D	D	D	D	D
Boron Trifluoride	D	D	D	D	D	D	D	D
Boron Trioxide	D	D	D	D	D	D	D	D
Brake FluiD D OT3 (Glycol Type)	D	D	D	D	D	A	C	C
Bray GG-130	D	D	D	D	D	C	A	B
Brayco 719-R (VV-H-910)	D	D	D	D	D	A	C	C
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Brayco 885 (MIL-L-6085A)	D	D	D	D	D	C	A	B
Brayco 910	D	D	D	D	D	A	C	B
Bret 710	D	D	D	D	D	A	C	B
Brine	A	C	A	A	D	A	A	A
Brine (Seawater)	D	D	D	D	D	C	A	A
Brom-113	D	D	D	D	D	C	D	C
Brom-114	D	D	D	D	D	C	B	B
Bromic Acid	D	D	D	D	D	A	C	C
Bromine	C	D	D	D	A	C	A	C
Bromine Pentafluoride	D	D	D	D	D	C	C	C
Bromine Trifluoride	D	D	D	D	D	C	C	C
Bromine Water	D	D	D	D	D	B	A	C
Bromobenzene	C	D	D	D	D	C	A	C
Bromobenzene Cyanide	D	D	D	D	D	A	C	C
Bromochloro Trifluoroethane (Halothane)	D	D	D	D	D	C	A	C
Bromoform	C	D	D	D	D	C	A	B
Bromomethane (Methyl Bromide)	D	D	D	D	D	C	A	B
Bromotrifluoroethylene (BFE)	D	D	D	D	D	D	D	D
Bromotrifluoromethane (F-13B1)	D	D	D	D	D	D	D	D
Brucine Sulfate	D	D	D	D	D	A	C	C
Buffered Oxide Etchants	D	D	D	D	D	D	D	D
Bunker Oil	D	D	D	D	D	C	A	A
Bunker's C (Fuel Oil)	D	A	A	A	D	C	A	A
Butadiene (Monomer) C	C	A	A	A	A	C	A	C
Butane C	C	A	A	A	A	C	A	A
Butane; 2; 2-Dimethyl	D	D	D	D	D	C	A	A
Butane; 2; 3-Dimethyl	D	D	D	D	D	C	A	A
Butanedial	D	D	D	D	D	A	C	C
Butanediol; pure-Alcohol; Aliphatic; Polyol	D	D	D	D	D	D	D	D
Butanol (Butyl Alcohol)	A	D	D	D	A	B	A	A
Butene 2-Ethyl (1-Butene 2-Ethyl)	D	D	D	D	D	C	A	A
Butter-Animal Fat	D	D	D	D	D	A	A	A
Butyl Acetate or n-Butyl Acetate	C	A	A	A	A	C	C	C
Butyl Acetyl Ricinoleate	D	D	D	D	D	A	A	B
Butyl Acrylate	D	D	D	D	D	A	C	C
Butyl Alcohol	A	A	A	A	D	C	A	A
Butyl Alcohol (Secondary)	D	D	D	D	D	B	A	B
Butyl Alcohol (Tertiary)	D	D	D	D	D	B	A	B
Butyl Amine or N-Butyl Amine	D	D	D	D	D	C	C	A
Butyl Benzoate	D	D	D	D	D	A	C	C
Butyl Benzoate or n-Butyl Benzoate	D	D	D	D	D	A	A	C
Butyl Benzolate	D	D	D	D	D	D	D	D
Butyl Butyrate or n-Butyl Butyrate	D	D	D	D	D	A	A	C
Butyl Carbitol	D	D	D	D	D	A	C	C
Butyl Cellosolve	D	D	D	D	D	B	C	C
Butyl Cellosolve Acetate	D	D	D	D	D	A	C	C
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Butyl Cellosolve Adipate	D	D	D	D	D	B	B	C
Butyl Chloride	C	D	D	D	D	C	A	A
Butyl Ether or n-Butyl Ether	D	D	D	D	D	C	C	C
Butyl Glycolate	D	D	D	D	D	A	C	C
Butyl Lactate	D	D	D	D	D	A	C	C
Butyl Laurate	D	D	D	D	D	A	C	C
Butyl Mercaptan (Tertiary)	D	D	D	D	D	C	A	C
Butyl Methacrylate	D	D	D	D	D	A	C	C
Butyl Oleate	D	D	D	D	D	B	A	C
Butyl Oxalate	D	D	D	D	D	A	C	C
Butyl Phthalate; pure-Ester; Aromatic	C	D	D	D	D	D	D	D
Butyl Stearate	D	D	D	D	D	C	A	B
Butylbenzoic Acid	D	D	D	D	D	C	A	B
Butylene	D	D	D	D	A	C	A	B
Butylene Glycol; pure-Alcohol; Aliphatic; Polyol	D	D	D	D	D	D	D	D
Butyraldehyde	D	D	D	D	D	B	C	C
Butyraldehyde; pure-Aldehyde; Aliphatic	D	D	D	D	D	D	D	D
Butyric Acid	C	B	A	A	A	C	C	C
Butyric Anhydride	D	D	D	D	D	A	C	C
Butyrolacetone	D	D	D	D	D	A	C	C
Butyryl Chloride	D	D	D	D	D	C	A	B
Cadmium Chloride	D	D	D	D	D	A	C	C
Cadmium Cyanide	D	D	D	D	D	A	C	C
Cadmium Nitrate	D	D	D	D	D	A	C	C
Cadmium Oxide	D	D	D	D	D	A	C	C
Cadmium Sulfate	D	D	D	D	D	A	C	C
Cadmium Sulfide	D	D	D	D	D	A	C	C
Calcine Liquors	D	D	D	D	D	A	A	A
Calcium Acetate	D	D	D	D	D	A	C	B
Calcium Arsenate	D	D	D	D	D	A	C	C
Calcium Benzoate	D	D	D	D	D	C	A	B
Calcium Bicarbonate	D	D	D	D	D	A	C	C
Calcium Bisulfide	D	D	D	D	D	A	C	C
Calcium Bisulfite	A	A	A	A	A	A	C	B
Calcium Bromide	D	D	D	D	D	A	A	A
Calcium Carbide	D	D	D	D	D	D	D	D
Calcium Carbonate	D	A	A	A	D	A	A	A
Calcium Chlorate	D	D	D	D	A	A	C	C
Calcium Chloride	A	C	A	A	A	A	A	A
Calcium Chromate	D	D	D	D	D	A	C	C
Calcium Cyanamide	D	D	D	D	D	D	D	D
Calcium Cyanide	D	D	D	D	D	A	D	A
Calcium Fluoride	D	D	D	D	D	A	A	A
Calcium Gluconate	D	D	D	D	D	A	C	C
Calcium Hydride	D	D	D	D	D	A	A	A
Calcium Hydrosulfide	D	D	D	D	D	A	C	C
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Calcium Hydroxide	A	B	A	A	A	A	A	A
Calcium Hypochlorite	A	C	C	A	A	A	A	B
Calcium Hypophosphite	D	D	D	D	D	A	C	C
Calcium Lactate	D	D	D	D	D	A	C	C
Calcium Naphthenate	D	D	D	D	D	D	D	D
Calcium Nitrate	D	D	D	D	D	A	A	A
Calcium Oxalate	D	D	D	D	D	A	C	C
Calcium Oxide	D	D	D	D	D	A	A	A
Calcium Permanganate	D	D	D	D	D	D	D	D
Calcium Peroxide	D	D	D	D	D	D	D	D
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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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
Cerous Nitrate	D	D	D	D	D	A	C	C
Cesium Acetate; pure-Salt; Organic	A	D	D	D	D	D	D	D
Cesium Bromide; pure-Salt; Inorganic	A	D	D	D	D	D	D	D
Cesium Chloride; pure-Salt; Inorganic	A	D	D	D	D	D	D	D
Cesium Formate; pure-Salt; Organic	A	D	D	D	D	D	D	D
Cesium Iodide; pure-Salt; Inorganic	A	D	D	D	D	D	D	D
Cesium Sulfate; pure-Salt; Inorganic	A	D	D	D	D	D	D	D
Cesium Trichloroacetate; pure-Salt; Organic; Halogenated	A	D	D	D	D	D	D	D
Cesium Trifluoroacetate; pure-Salt; Organic; Halogenated	A	D	D	D	D	D	D	D
Cetane (Hexadecane)	D	D	D	D	D	C	A	A
Cetyl Alcohol	A	D	D	D	D	C	A	A
Chaulmoogric Acid	D	D	D	D	D	D	D	D
China Wood Oil (Tung Oil)	D	D	D	D	D	C	A	A
Chloral	D	D	D	D	D	A	C	C
Chloramine	D	D	D	D	D	D	D	D
Chloranthraquinone	D	D	D	D	D	C	A	B
Chlordane	D	D	D	D	D	C	A	B
Chlorextol	D	D	D	D	D	C	A	B
Chloric Acid	D	D	D	D	D	A	C	C
Chlorinated Solvents; Dry	D	D	D	D	D	C	A	C
Chlorinated Solvents; Wet	D	D	D	D	D	C	A	C
Chlorine (Dry)	C	D	D	D	D	C	A	B
Chlorine (Plasma)	D	D	D	D	D	D	D	D
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Chlorine (Wet)	C	C	A	A	D	C	C	C
Chlorine Dioxide	D	C	A	A	D	C	A	C
Chlorine Dioxide; 8% Cl as NaClO2 in solution	D	D	D	D	D	C	A	C
Chlorine Trifluoride	D	D	D	D	D	C	C	C
Chlorine Water	D	D	D	D	D	B	A	C
Chlorine; Dry	D	D	D	D	A	D	B	C
Chlorine; Wet	D	D	D	D	A	D	B	C
Chloro 1-Nitro Ethane (1-Chloro 1-Nitro Ethane)	D	D	D	D	D	C	C	C
Chloro Oxyfluorides	D	D	D	D	D	D	D	D
Chloro Xylenols	D	D	D	D	D	C	A	B
Chloroacetaldehyde	D	D	D	D	D	A	C	C
Chloroacetic Acid	A	C	A	A	D	C	C	C
Chloroacetone	D	D	D	D	D	A	C	C
Chloroacetyl Chloride	D	D	D	D	D	D	D	D
Chloroamino Benzoic Acid	D	D	D	D	D	A	C	C
Chloroaniline	D	D	D	D	D	A	C	C
Chlorobenzaldehyde	D	D	D	D	D	A	C	C
Chlorobenzene	C	C	A	A	A	C	A	C
Chlorobenzene (Mono)	D	D	D	D	D	C	A	C
Chlorobenzene Chloride	D	D	D	D	D	C	A	B
Chlorobenzene Trifluoride	D	D	D	D	D	C	A	B
Chlorobenzochloride	D	D	D	D	D	C	A	B
Chlorobenzotrifluoride	D	D	D	D	D	C	A	B
Chlorobromo Methane	D	D	D	D	D	B	A	C
Chlorobromopropane	D	D	D	D	D	C	A	B
Chlorobutadiene	D	D	D	D	D	C	A	C
Chlorobutane (Butyl Chloride)	C	D	D	D	D	C	A	A
Chlorodifluoromethane; pure-Hydrocarbon; Aliphatic; Halogenated	D	D	D	D	D	D	D	D
Chlorododecane	D	D	D	D	D	C	A	C
Chloroethane	C	D	D	D	D	C	A	A
Chloroethane Sulfonic Acid	D	D	D	D	D	A	C	C
Chloroethylbenzene	D	D	D	D	D	C	A	B
Chloroform	C	B	A	A	A	C	A	C
Chlorohydrin	D	D	D	D	D	A	C	C
Chloromethyl Benzene; pure-Hydrocarbon; Aromatic; HalogenateD	B	D	D	D	D	D	D	D
Chloronaphthalene or o-Chloronaphthalene	D	D	D	D	D	C	A	C
Chloronitrobenzene	D	D	D	D	D	A	C	C
Chlorophenol or o-Chlorophenol	D	D	D	D	D	C	A	C
Chloropicrin	D	D	D	D	D	C	A	B
Chloroprene	D	D	D	D	D	C	A	B
Chlorosilanes	D	D	D	D	D	D	D	D
Chlorosulfonic Acid	D	D	D	D	A	C	C	C
Chlorosulphonic Acid; pure-Acid; Organic; Aromatic; Halogenated	C	D	D	D	D	D	D	D
Chlorotoluene	D	D	D	D	D	C	A	C
Chlorotoluene Sulfonic Acid	D	D	D	D	D	A	C	C
Chlorotoluene; pure-Hydrocarbon; Aromatic; HalogenateD	B	D	D	D	D	D	D	D
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Chlorotoluidine	D	D	D	D	D	C	A	B
Chlorotrifluoroethylene (CTFE)	D	D	D	D	D	D	D	D
Chlorox	D	D	D	D	D	B	A	B
Chloroxylols	D	D	D	D	D	D	D	D
Cholesterol	D	D	D	D	D	C	A	B
Chrome Alum	D	D	D	D	A	A	A	A
Chrome Plating Solutions	D	D	D	D	D	B	A	C
Chromic Acid	C	D	D	D	A	B	A	C
Chromic Chloride	D	D	D	D	D	D	D	D
Chromic Fluorides	D	D	D	D	D	D	D	D
Chromic Hydroxide	D	D	D	D	D	D	D	D
Chromic Nitrates	D	D	D	D	D	D	D	D
Chromic Oxide	D	D	D	D	D	B	A	C
Chromic Phosphate	D	D	D	D	D	D	D	D
Chromic Sulfate	D	D	D	D	D	D	D	D
Chromic:Surfuric Acid Mixture; 96%-Acid; Inorganic; Oxidizer	C	D	D	D	D	D	D	D
Chromium Potassium Sulfate (Alum)	D	D	D	D	D	B	A	B
Chromyl Chlorides	D	D	D	D	D	D	D	D
Cinnamic Acid	D	D	D	D	D	C	A	B
Cinnamic Alcohol	D	D	D	D	D	C	A	B
Cinnamic Aldehyde	D	D	D	D	D	C	A	B
Cinnamon Oil; pure-Misc.	C	D	D	D	D	D	D	D
Circo Light Process Oil	D	D	D	D	D	C	A	A
Citric Acid	A	B	A	A	A	A	A	A
City Service #65 #120 #250	D	D	D	D	D	C	A	A
City Service Koolmoter-AP Gear Oil 140-EP lube	D	D	D	D	D	C	A	A
City Service Pacemaker #2	D	D	D	D	D	C	A	A
Clorox	D	D	D	D	D	B	A	B
Coal Tar	D	A	A	A	D	C	A	A
Cobalt Chloride	D	D	D	D	D	A	A	A
Cobalt Chloride; 2N	D	D	D	D	D	A	A	A
Cobaltous Acetate	D	D	D	D	D	A	C	C
Cobaltous Bromide	D	D	D	D	D	A	A	A
Cobaltous Linoleate	D	D	D	D	D	D	D	D
Cobaltous Naphthenate	D	D	D	D	D	D	D	D
Cobaltous Sulfate	D	D	D	D	D	A	C	C
Coconut Oil	D	D	D	D	D	C	A	A
Cod Liver Oil	D	D	D	D	D	A	A	A
Codeine	D	D	D	D	D	C	A	B
Coffee	D	D	D	D	A	A	A	A
Coke Oven Gas	D	D	D	D	A	C	A	C
Coliche Liquors	D	D	D	D	D	B	D	B
Convelex 10	D	D	D	D	D	D	D	C
Coolanol 20 25R 35R 40& 45A (Monsanto)	D	D	D	D	D	C	A	A
Copper Acetate	D	B	A	A	A	A	C	B
Copper Ammonium Acetate	D	A	A	A	D	A	C	C
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Copper Carbonate	D	D	D	D	D	A	C	C
Copper Chloride	D	C	A	A	A	A	A	A
Copper Cyanide	D	B	A	A	D	A	A	A
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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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
Diacetone	B	D	D	D	D	A	C	C
Diacetone Alcohol	B	A	A	A	A	A	C	C
Dialkyl Sulfates	D	D	D	D	D	A	C	C
Diallyl Ether	D	D	D	D	D	D	D	D
Diallyl Phthalate	D	D	D	D	D	D	D	D
Diamylamine	D	D	D	D	D	C	A	A
Diazinon	D	D	D	D	D	C	B	C
Diazo Salts-Misc.; Salts	D	D	D	D	D	D	D	D
Dibasic Potassium Phosphate; pure-Salt; Inorganic	A	D	D	D	D	D	D	D
Dibasic Sodium Phosphate; pure-Salt; Inorganic	A	D	D	D	D	D	D	D
Dibenzopyrrole; pure-Hydrocarbon; Aromatic; Heterocyclic	A	D	D	D	D	D	D	D
Dibenzyl (sym-Diphenylethane)	D	D	D	D	D	C	A	B
Dibenzyl Ether	D	D	D	D	D	B	C	C
Dibenzyl Sebacate	D	D	D	D	D	B	B	C
Diborane	D	D	D	D	D	D	D	D
Dibromoethane	D	D	D	D	D	C	A	B
Dibromoethyl Benzene	D	D	D	D	D	C	A	C
Dibutyl Cellosolve Adipate	D	D	D	D	D	A	C	C
Dibutyl Ether	D	A	A	A	D	C	C	C
Dibutyl Methylenedithio Glycolate	D	D	D	D	D	C	A	B
Dibutyl Phthalate	B	A	A	A	D	C	C	C
Dibutyl Sebacate	D	D	D	D	D	B	B	C
Dibutyl Thioglycolate	D	D	D	D	D	C	A	B
Dibutyl Thiourea	D	D	D	D	D	C	A	B
Dibutylamine	D	A	A	A	D	D	C	C
Dichloroacetic Acid	D	D	D	D	D	C	A	B
Dichloroaniline	D	D	D	D	D	A	C	C
Dichlorobenzene or o-Dichlorobenzene	C	D	D	D	D	C	A	C
Dichlorobenzene or p-Dichlorobenzene	C	D	D	D	D	C	A	C
Dichlorobutane	D	D	D	D	D	C	A	B
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Dichlorobutene	D	D	D	D	D	C	A	B
Dichlorodifluoromethane; pure-Hydrocarbon; Aliphatic; Halogenated	A	D	D	D	D	D	D	D
Dichlorodiphenyl-Dichloroethane (DDD)	D	D	D	D	D	C	A	B
Dichloroethane	C	A	A	A	D	C	A	B
Dichloroethylene	A	B	A	A	D	C	A	B
Dichlorohydrin	D	B	A	A	D	A	C	C
Dichloroisopropyl Ether	D	D	D	D	D	C	C	C
Dichloromethane	D	D	D	D	D	C	A	B
Dichlorophenol	C	D	D	D	D	C	A	B
Dichlorophenoxyacetic Acid	D	D	D	D	D	C	A	B
Dichloropropane	D	D	D	D	D	C	A	B
Dichloropropene	D	D	D	D	D	C	A	B
Dichlorosilane	D	D	D	D	D	D	D	D
Dicyclohexylamine	D	D	D	D	D	C	C	A
Dicyclohexylammonium Nitrate	D	D	D	D	D	A	C	C
Dieldrin	D	D	D	D	D	C	A	B
Diesel Oil	D	A	A	A	D	C	A	A
Di-ester Lubricant MIL-L-7808	D	D	D	D	D	C	A	B
Di-ester Synthetic Lubricants	D	D	D	D	D	C	A	B
Diethanolamine (DEA)	A	D	D	D	D	A	C	C
Diethyl Acetamide; pure-Amine; Aliphatic	D	D	D	D	D	D	D	D
Diethyl Benzene	C	D	D	D	D	D	A	D
Diethyl Carbonate	D	A	A	A	D	D	D	C
Diethyl Ether	C	A	A	A	D	C	C	C
Diethyl Ketone; pure-Ketone; Aliphatic	B	D	D	D	D	D	D	D
Diethyl Malonate; pure-Ester; Aliphatic	A	D	D	D	D	D	D	D
Diethyl Phthalate	D	D	D	D	D	C	A	B
Diethyl Sebacate	D	D	D	D	D	B	B	B
Diethyl Sulfate	D	D	D	D	D	A	C	C
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
Difluoromonochloroethane	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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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
Dioctyl Phthalate	B	A	A	A	D	C	B	C
Dioctyl Sebacate	D	D	D	D	D	B	B	C
Dioctylamine	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
Dodecylbenzene	D	D	D	D	D	C	A	B
Dow Chemical 50-4	D	D	D	D	D	A	C	D
Dow Chemical ET378	D	D	D	D	D	D	D	C
Dow Chemical ET588	D	D	D	D	D	A	C	C
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Dow Corning -11	D	D	D	D	D	A	A	B
Dow Corning 1208; 4050; 6620; F-60; xF-60	D	D	D	D	D	A	A	A
Dow Corning -1265 Fluorosilicone Fluid	D	D	D	D	D	A	A	B
Dow Corning -200	D	D	D	D	D	A	A	B
Dow Corning 220	D	D	D	D	D	A	A	A
Dow Corning -3	D	D	D	D	D	A	A	B
Dow Corning -33	D	D	D	D	D	A	A	B
Dow Corning -4	D	D	D	D	D	A	A	B
Dow Corning -44	D	D	D	D	D	A	A	B
Dow Corning -5	D	D	D	D	D	A	A	B
Dow Corning -510	D	D	D	D	D	A	A	B
Dow Corning -55	D	D	D	D	D	A	A	B
Dow Corning -550	D	D	D	D	D	A	A	B
Dow Corning -704	D	D	D	D	D	A	A	B
Dow Corning -705	D	D	D	D	D	A	A	B
Dow Corning -710	D	D	D	D	D	A	A	B
Dow Corning F-61	D	D	D	D	D	A	A	A
Dow Guard	D	D	D	D	D	A	A	A
Dowanol P Mix	D	D	D	D	D	D	D	D
Dowtherm; 209	D	D	D	D	A	A	C	C
Dowtherm; A	D	A	A	A	A	C	A	C
Dowtherm; E	D	D	D	D	A	C	A	C
Drinking Water	A	D	D	D	D	A	A	A
Dry Cleaning Fluids	D	D	D	D	D	C	A	C
DTE 20 Series; Mobil	D	D	D	D	D	C	A	B
DTE named series; Mobil; light-heavy	D	D	D	D	D	C	A	A
EDTA; pure-Misc.; Chelator	A	D	D	D	D	D	D	D
Elco 28-EP lubricant	D	D	D	D	D	C	A	A
Epichlorohydrin	D	B	A	A	D	C	C	C
Epoxy Resins	D	D	D	D	D	A	C	D
Erucic Acid	D	D	D	D	D	D	D	D
Esam-6 Fluid	D	D	D	D	D	A	C	D
Esso Fuel 208	D	D	D	D	D	C	A	A
Esso Golden Gasoline	D	D	D	D	D	C	A	B
Esso Motor Oil	D	D	D	D	D	C	A	A
Esso Transmission fluid (Type A)	D	D	D	D	D	C	A	A
Esso WS2812 (MIL-L-7808A)	D	D	D	D	D	C	A	A
Esso XP90-EP lubricant	D	D	D	D	D	C	A	A
Esstic 42; 43	D	D	D	D	D	C	A	A
Ethane D	A	A	A	D	C	A	A	
Ethanol	A	A	A	A	D	A	C	C
Ethanol Amine	D	D	D	D	D	A	C	B
Ethanolamine; pure-Amine; Aliphatic D	A	A	A	D	C	C	C	
Ethers	C	D	D	D	A	C	C	C
Ethoxyethyl Acetate (EGMEEA)	D	D	D	D	D	A	C	C
Ethyl Acetate; pure-Ester; Aliphatic	B	D	D	D	D	D	D	D
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Ethyl Acetate-Organic Ester	D	D	D	D	A	B	C	C
Ethyl Acetoacetate	D	D	D	D	D	B	C	C
Ethyl Acrylate	D	D	D	D	A	B	C	C
Ethyl Alcohol	A	A	A	A	A	A	C	C
Ethyl Ammonium Dichloride	D	D	D	D	D	D	D	D
Ethyl Benzene	C	B	A	A	D	C	A	C
Ethyl Benzoate	B	D	D	D	D	C	A	C
Ethyl Bromide	D	A	A	A	D	C	A	C
Ethyl Butyrate; pure-Ester; Aliphatic	B	D	D	D	D	D	D	D
Ethyl Cellosolve	D	D	D	D	D	B	C	C
Ethyl Cellulose	D	B	A	A	D	C	C	C
Ethyl Chloride	C	A	A	A	A	C	A	A
Ethyl Chlorocarbonate	D	D	D	D	D	B	A	C
Ethyl Chloroformate	D	D	D	D	D	B	C	C
Ethyl Cyanoacetate; pure-Ester; Aliphatic; Cyano	A	D	D	D	D	D	D	D
Ethyl Digol; pure-Ether; Aliphatic; Polyol	A	D	D	D	D	D	D	D
Ethyl Ether	C	A	A	A	D	C	C	C
Ethyl Formate	D	D	D	D	D	B	A	C
Ethyl Hexanol	D	D	D	D	D	A	A	A
Ethyl Lactate	A	D	D	D	D	A	C	C
Ethyl Mercaptan	D	D	D	D	D	D	B	C
Ethyl Nitrite	D	D	D	D	D	A	C	C
Ethyl Oxalate	D	D	D	D	D	A	B	C
Ethyl Pentachlorobenzene	D	D	D	D	D	C	A	C
Ethyl Pyridine	D	D	D	D	D	C	A	B
Ethyl Silicate	D	D	D	D	D	A	A	A
Ethyl Stearate	D	D	D	D	D	C	A	B
Ethyl Sulfate	D	B	A	A	D	D	C	C
Ethyl Tertiary Butyl Ether	D	D	D	D	D	D	D	D
Ethyl Valerate	D	D	D	D	D	C	A	B
Ethylacrylic Acid	D	D	D	D	D	B	D	C
Ethylamine	D	D	D	D	D	A	C	C
Ethylcyclopentane	D	D	D	D	D	C	A	A
Ethylene	D	A	A	A	D	C	C	D
Ethylene Chloride	C	D	D	D	D	C	B	C
Ethylene Chlorohydrin	D	D	D	D	D	B	A	C
Ethylene Cyanohydrin	D	D	D	D	D	C	A	B
Ethylene Diamine	A	D	D	D	D	A	C	A
Ethylene Dibromide	D	D	D	D	D	C	A	C
Ethylene Dichloride	C	B	A	A	D	C	D	C
Ethylene Glycol	A	A	A	A	A	A	A	A
Ethylene Glycol Monobutyl Ether; pure-Ether; Aliphatic; Polyol	D	D	D	D	D	D	D	D
Ethylene Glycol Monoethyl Ether Acetate; pure-Ether; Aliphatic; Ester	D	D	D	D	D	D	D	D
Ethylene Glycol Monoethyl Ether; pure-Ether; Aliphatic; Polyol	B	D	D	D	D	D	D	D
Ethylene Glycol Monomethyl Ether Acetate; pure-Ether; Aliphatic; Ester	C	D	D	D	D	D	D	D
Ethylene Glycol Monomethyl Ether; pure-Ether; Aliphatic; Polyol	B	D	D	D	D	D	D	D
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Ethylene Hydrochloride	D	D	D	D	D	C	A	C
Ethylene Nitrate; pure-Misc.	D	D	D	D	D	D	D	D
Ethylene Oxide	C	B	A	A	A	C	C	C
Ethylene Oxide; (12%) and Freon 12 (80%)	D	D	D	D	D	B	C	C
Ethylene Trichloride	D	A	A	A	D	C	A	C
Ethyleneimine	D	D	D	D	D	D	D	D
Ethylmorpholene Stannous Octotate (50/50 mix)	D	D	D	D	D	B	C	C
Ethylmorpholine	D	D	D	D	D	C	A	B
Ethylsulfuric Acid	D	D	D	D	D	A	C	C
EtO Gas; pure-Ether; Cyclic	A	D	D	D	D	D	D	D
EtO Liquid; pure-Ether; Cyclic	C	D	D	D	D	D	D	D
EtO; 100%-Ether; Cyclic	C	D	D	D	D	D	D	D
EtO; pure-Ether; Cyclic	C	D	D	D	D	D	D	D
F-60 Fluid (Dow Corning)	D	D	D	D	D	A	A	A
F-61 Fluid (Dow Corning)	D	D	D	D	D	A	A	A
Fatty Acids	A	D	D	D	A	C	A	B
FC-43 Heptacosofluorotri-butylamine	D	D	D	D	D	A	A	A
FC75 & FC77 (Fluorocarbon)	D	D	D	D	D	A	B	A
Ferric Acetate	D	D	D	D	D	A	C	C
Ferric Ammonium Sulfate	D	D	D	D	D	A	C	C
Ferric Chloride	A	C	C	A	A	A	A	A
Ferric Ferrocyanide	D	D	D	D	D	A	C	C
Ferric Hydroxide	D	B	A	A	D	A	C	C
Ferric Nitrate	D	B	A	A	A	A	A	A
Ferric Persulfate	D	D	D	D	D	A	A	A
Ferric Sulfate	A	D	A	A	D	A	A	A
Ferrous Ammonium Citrate	D	D	D	D	D	A	C	C
Ferrous Ammonium Sulfate	D	D	D	D	D	A	C	C
Ferrous Carbonate	D	D	D	D	D	A	C	C
Ferrous Chloride	A	C	A	A	A	A	A	C
Ferrous Iodide	D	D	D	D	D	A	C	C
Ferrous Sulfate	A	C	A	A	A	A	D	C
Ferrous Tartrate	D	D	D	D	D	A	C	C
Ficoll-Hypaque-Misc.	A	D	D	D	D	D	D	D
Fish Oil	D	D	D	D	A	C	A	B
Fisher Reagent	D	D	D	D	D	B	D	D
Fluorides-Salt; Inorganic	A	D	D	D	D	D	D	D
Fluorinated Cyclic Ethers	D	D	D	D	D	A	D	D
Fluorine (Gas)	C	D	D	D	D	D	D	D
Fluorine (Liquid)	D	D	D	D	D	C	B	C
Fluorobenzene	D	D	D	D	D	C	A	B
Fluoroboric Acid	D	D	D	D	D	A	D	A
Fluorocarbon Oils	D	D	D	D	D	A	D	D
Fluoroform (Trifluoromethane)	D	D	D	D	D	D	D	D
Fluorolube	D	D	D	D	D	A	B	A
Fluorophosphoric Acid	D	D	D	D	D	D	D	D
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Fluorosilicic Acid	A	C	C	A	A	B	B	A
Fluorosulfonic Acid	D	D	D	D	D	D	D	D
Formaldehyde	A	A	A	A	A	C	C	C
Formalin; 10%-Aldehyde; Aliphatic	A	D	D	D	D	D	D	D
Formalin; 30%-Aldehyde; Aliphatic	A	D	D	D	D	D	D	D
Formalin; 37%-Aldehyde; Aliphatic	A	D	D	D	D	D	D	D
Formalin; 40%-Aldehyde; Aliphatic	A	D	D	D	D	D	D	D
Formalin; 5%-Aldehyde; Aliphatic	A	D	D	D	D	D	D	D
Formalin; pure-Aldehyde; Aliphatic	A	D	D	D	D	D	D	D
Formamide	D	B	A	A	D	D	C	C
Formic Acid	A	C	A	A	A	D	C	C
Freon; 11	D	A	A	A	A	C	C	C
Freon; 112	D	A	A	A	A	C	A	C
Freon; 113	D	A	A	A	A	C	C	A
Freon; 113 + High and Low Aniline Oil	D	D	D	D	A	D	D	A
Freon; 114	D	A	A	A	A	D	A	A
Freon; 114B2	D	D	D	D	A	C	B	B
Freon; 115; 116	D	A	A	A	A	D	C	A
Freon; 12	A	A	A	A	A	C	D	C
Freon; 12 and A STM Oil #2(50/50 Mixture)	D	D	D	D	A	C	A	B
Freon; 12 and Suniso 4G(50/50 Mixture)	D	D	D	D	A	C	A	B
Freon; 123 (Dichlorotrifluoroethane)	D	D	D	D	A	D	D	D
Freon; 124 (Chlorotetrafluoroethane)	D	D	D	D	A	D	D	D
Freon; 125 (Pentafluoroethane)	D	D	D	D	A	D	D	D
Freon; 13	D	A	A	A	A	D	A	A
Freon; 134a (Tetrafluoroethane)	D	D	D	D	A	A	D	D
Freon; 13B1	D	D	D	D	A	A	A	A
Freon; 14	D	A	A	A	A	D	A	A
Freon; 141b (Dichlorofluoroethane)	D	D	D	D	A	D	D	D
Freon; 142b	D	D	D	D	A	C	B	B
Freon; 152a (Difluoroethane)	D	D	D	D	A	D	D	D
Freon; 21	D	A	A	A	A	C	C	C
Freon; 218	D	D	D	D	A	A	A	A
Freon; 22	D	A	A	A	A	C	C	C
Freon; 22 and A STM Oil #2(50/50 Mixture)	D	D	D	D	A	C	B	C
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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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
Freye	A	A	A	A	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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Glycoxylic Acid	D	D	D	D	D	A	C	C
Grease Petroleum Base	D	B	A	A	D	D	A	D
Green Sulfate Liquor	D	D	D	D	D	A	A	B
Guanidine Hydrochloride; pure-Amine; Salt	A	D	D	D	D	D	D	D
Guanidine Isothiocyanate; pure-Amine; Salt	A	D	D	D	D	D	D	D
Guanidine Thiocyanate; pure-Amine; Salt	A	D	D	D	D	D	D	D
Gulf Endurance Oils	D	D	D	D	D	C	A	A
Gulf FR Fluids (Emulsion)	D	D	D	D	D	C	A	A
Gulf FR G-Fluids	D	D	D	D	D	A	A	A
Gulf FR P-Fluids	D	D	D	D	D	B	B	C
Gulf Harmony Oils	D	D	D	D	D	C	A	A
Gulf High Temperature Grease	D	D	D	D	D	C	A	A
Gulf Legion Oils	D	D	D	D	D	C	A	A
Gulf Paramount Oils	D	D	D	D	D	C	A	A
Gulf Security Oils	D	D	D	D	D	C	A	A
Gulfcrown Grease	D	D	D	D	D	C	A	A
Haemo-Sol detergent-Detergent	A	D	D	D	D	D	D	D
Halothane	D	D	D	D	D	C	A	C
Halowax Oil	D	D	D	D	D	C	A	C
Hannifin Lube A	D	D	D	D	D	C	A	A
Heavy Water	D	D	D	D	D	A	D	A
HEF-2 (High Energy Fuel)	D	D	D	D	D	C	A	B
Helium	A	D	D	D	D	A	A	A
Heptachlor	D	D	D	D	D	C	A	B
Heptachlorobutene	D	D	D	D	D	C	A	B
Heptaldehyde (Heptanal)	D	D	D	D	D	C	A	A
Heptane or n-Heptane	C	A	A	A	A	C	A	A
Heptanoic Acid	D	D	D	D	D	C	A	A
Hexachloroacetone	D	D	D	D	D	A	C	C
Hexachlorobutadiene	D	D	D	D	D	C	A	B
Hexachlorobutene	D	D	D	D	D	C	A	B
Hexachloroethane	D	D	D	D	D	C	A	B
Hexaethyl Tetraphosphate	D	D	D	D	D	D	D	D
Hexafluoroethane (F-116)	D	D	D	D	D	D	D	D
Hexafluoroxylene	D	D	D	D	D	D	D	D
Hexafluoroxylene	D	D	D	D	D	D	D	D
Hexaldehyde or n-Hexaldehyde	D	D	D	D	D	A	C	C
Hexamethyldisilizane	D	D	D	D	D	D	D	D
Hexamethylene (Cyclohexane)	D	D	D	D	D	C	A	A
Hexamethylene Diammonium Adipate	D	D	D	D	D	C	A	B
Hexamethylenediamine	D	D	D	D	D	A	C	C
Hexamethylenetetramine	D	D	D	D	D	A	C	C
Hexane or n-Hexane	B	A	A	A	D	C	A	A
Hexanol; pure-Alcohol; Aliphatic	D	A	A	A	D	C	A	A
Hexene-1 or n-Hexene-1	D	D	D	D	D	C	A	B
Hexone (Methyl Isobutyl Ketone)	D	D	D	D	D	A	C	C
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Hexyl Acetate	D	D	D	D	D	C	A	A
Hexyl Alcohol	D	D	D	D	D	C	A	A
Hexylene Glycol	D	D	D	D	D	A	C	C
Hexylresorcinol	D	D	D	D	D	C	A	B
High Viscosity Lubricant; H2	D	D	D	D	D	A	A	A
High Viscosity Lubricant; U4	D	D	D	D	D	A	A	A
HiLo MS #1	D	D	D	D	D	A	C	C
Houghto-Safe 1010 phosphate ester	D	D	D	D	D	A	A	C
Houghto-Safe 1055 phosphate ester	D	D	D	D	D	A	a	C
Houghto-Safe 1120 phosphate ester	D	D	D	D	D	B	A	C
Houghto-Safe 271 (Water & Glycol Base)	D	D	D	D	D	A	B	A
Houghto-Safe 416 & 500 Series	D	D	D	D	D	A	D	A
Houghto-Safe 5040 (Water/Oil emulsion)	D	D	D	D	D	C	A	A
Houghto-Safe 620 Water/Glycol	D	D	D	D	D	A	B	A
Household B leach-Base/Caustic; Oxidizer	C	D	D	D	D	D	D	D
Hydraulic Oil (Petroleum Base; Industrial)	D	D	D	D	D	C	A	A
Hydraulic Oils (Synthetic Base)	D	D	D	D	D	C	A	B
Hydrazine	C	A	A	A	D	A	C	C
Hydrazine (Anhydrous)	D	D	D	D	D	B	C	C
Hydrazine Dihydrochloride	D	D	D	D	D	A	C	C
Hydrazine Hydrate	D	D	D	D	D	A	C	C
Hydriodic Acid	D	D	D	D	D	C	A	B
Hydroabietyl Alcohol	D	D	D	D	D	D	D	D
Hydrobromic AciD	D	C	C	A	A	A	A	C
Hydrobromic Acid 40%	D	D	D	D	D	A	A	C
Hydrobromic Acid; 69%-Acid; Organic	A	D	D	D	D	D	D	D
Hydrocarbons; Saturated	D	D	D	D	D	C	A	A
Hydrochloric Acid (cold) 37%	A	C	A	A	A	C	A	C
Hydrochloric Acid (hot) 37%	D	D	D	D	D	C	A	C
Hydrochloric Acid; >6N-Acid; Inorganic	A	D	D	D	D	D	D	D
Hydrochloric Acid; 10%-Acid; Inorganic	A	C	A	A	D	A	A	C
Hydrochloric Acid; 1N-Acid; Inorganic	A	D	D	D	D	D	D	D
Hydrochloric Acid; 20%-Acid; Inorganic	A	D	D	D	D	D	D	D
Hydrochloric Acid; 25%-Acid; Inorganic	A	D	D	D	D	D	D	D
Hydrochloric Acid; 3 Molar to 158øF	D	D	D	D	D	A	A	B
Hydrochloric Acid; 30%-Acid; Inorganic	A	D	D	D	D	D	D	D
Hydrochloric Acid; 35%-Acid; Inorganic	A	D	D	D	D	D	D	D
Hydrochloric Acid; 5%-Acid; Inorganic	A	D	D	D	D	D	D	D
Hydrochloric Acid; 50%-Acid; Inorganic	A	D	D	D	D	D	D	D
Hydrochloric Acid; 6N-Acid; Inorganic	A	D	D	D	D	D	D	D
Hydrochloric Acid; Concentrated Room Temp.	A	D	D	D	A	B	A	B
Hydrochloric Acid; Concentrated to 158øF	D	D	D	D	D	C	A	C
Hydrochloric Acid; pure-Acid; Inorganic	A	D	D	D	D	D	D	D
Hydrocyanic Acid	A	C	A	A	A	A	A	C
Hydro-Drive MIH-10 (Petroleum Base)	D	D	D	D	D	C	A	A
Hydro-Drive MIH-50 (Petroleum Base)	D	D	D	D	D	C	A	A
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Hydrofluoric Acid (Anhydrous)	D	C	C	D	D	D	D	D
Hydrofluoric Acid (conc.) ColD	D	C	C	D	D	D	D	D
Hydrofluoric Acid (conc.) Hot	D	C	C	D	D	C	C	C
Hydrofluoric Acid; 10%-Acid; Inorganic	B	C	C	D	D	D	D	D
Hydrofluoric Acid; 100%-Acid; Inorganic	B	C	C	D	D	D	D	D
Hydrofluoric Acid; 35%-Acid; Inorganic	B	C	C	D	D	D	D	D
Hydrofluoric Acid; 38%-Acid; Inorganic	B	C	C	D	D	D	D	D
Hydrofluoric Acid; 4%-Acid; Inorganic	B	C	C	D	D	D	D	D
Hydrofluoric Acid; 48%-Acid; Inorganic	B	C	C	D	D	D	D	D
Hydrofluoric Acid; 50%-Acid; Inorganic	B	C	C	D	D	D	D	D
Hydrofluoric Acid; 53%-Acid; Inorganic	B	C	C	D	D	D	D	D
Hydrofluoric Acid; 60%-Acid; Inorganic	B	C	C	D	D	D	D	D
Hydrofluoric Acid; 70%-Acid; Inorganic	B	C	C	D	D	D	D	D
Hydrofluoric Acid; concentrated-Acid; Inorganic	B	C	C	D	D	D	D	D
Hydrofluoric Acid; pure-Acid; Inorganic	A	C	C	D	D	D	D	D
Hydrofluorosilicic Acid	A	D	D	D	D	A	A	B
Hydroformic Acid; 100%-Acid; Organic	D	D	D	D	D	D	D	D
Hydrogen Bromide (Anhydrous)	D	D	D	D	D	D	D	D
Hydrogen Chloride (Anhydrous)	D	D	D	D	D	D	D	D
Hydrogen Chloride gas	D	D	D	D	D	A	A	C
Hydrogen Cyanide	D	C	A	A	D	A	A	C
Hydrogen Fluoride	D	D	D	D	D	D	D	D
Hydrogen Fluoride (Anhydrous)	D	D	D	D	D	A	C	C
Hydrogen Gas; ColD	D	A	A	A	A	A	A	A
Hydrogen Gas; Hot	D	A	A	A	D	A	A	A
Hydrogen Iodide (Anhydrous)	D	D	D	D	D	D	D	D
Hydrogen Peroxide	A	B	C	A	A	D	A	B
Hydrogen Peroxide 90%	A	D	D	D	A	C	A	C
Hydrogen Selenide	D	D	D	D	D	D	D	D
Hydrogen Sulfide Dry Cold	A	D	D	D	A	A	C	A
Hydrogen Sulfide Dry Hot	D	D	D	D	A	A	C	C
Hydrogen Sulfide Wet Cold	A	C	A	A	A	A	C	C
Hydrogen Sulfide Wet Hot	D	D	D	D	A	A	C	C
Hydrolube-Water/Ethylene Glycol	D	D	D	D	D	A	A	A
Hydrooxycitronellal	D	D	D	D	D	D	A	D
Hydroquinol	D	D	D	D	D	C	A	C
Hydroquinone	A	D	D	D	D	B	B	C
Hydroxyacetic Acid	D	D	D	D	D	A	C	C
Hydyne	D	D	D	D	D	A	C	B
Hyjet	D	D	D	D	D	A	C	C
Hyjet IV and IVA	D	D	D	D	D	A	C	C
Hyjet s4	D	D	D	D	D	A	C	C
Hyjet w	D	D	D	D	D	A	C	C
Hypochlorous AciD	D	C	C	A	D	B	D	C
Indole	D	D	D	D	D	D	A	D
Industron FF44	D	D	D	D	D	C	A	A
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Industron FF48	D	D	D	D	D	C	A	A
Industron FF53	D	D	D	D	D	C	A	A
Industron FF80	D	D	D	D	D	C	A	A
Insulin	D	D	D	D	D	A	C	C
Iodic Acid	D	D	D	D	D	A	C	C
Iodine	A	B	C	A	A	A	A	C
Iodine Crystals-Element; Solid	A	D	D	D	D	D	D	D
Iodine Pentafluoride	D	D	D	D	D	C	C	C
Iodoacetic Acid; pure-Acid; Organic; Halogenated	D	D	D	D	D	D	D	D
Iodoform	D	A	A	A	D	D	D	C
IPA; 100%-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
IPA; 30%-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
IPA; pure-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
Isoamyl Acetate	D	D	D	D	D	A	C	C
Isoamyl Butyrate	D	D	D	D	D	A	C	C
Isoamyl Valerate	D	D	D	D	D	A	C	C
Isoboreol	D	D	D	D	D	D	A	D
Isobutane	D	A	A	A	D	C	A	A
Isobutanol; 100%-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
Iso-Butanol; 100%-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
Isobutanol; pure-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
Iso-Butanol; pure-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
Isobutyl Acetate	D	A	A	A	D	D	C	C
Isobutyl Alcohol	A	B	A	A	D	D	A	B
iso-Butyl Alcohol; 100%-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
Isobutyl Alcohol; pure-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
iso-Butyl Alcohol; pure-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
Isobutyl Chloride	D	D	D	D	D	C	A	C
Isobutyl Ether	D	D	D	D	D	C	C	B
Isobutyl Methyl Ketone	D	B	A	A	D	D	C	C
Isobutyl n-Butyrate	D	D	D	D	D	A	A	C
Isobutyl Phosphate	D	D	D	D	D	A	C	C
Isobutylene	D	D	D	D	D	D	A	D
Isobutyraldehyde	D	D	D	D	D	B	C	C
Isobutyric Acid	D	D	D	D	D	B	C	A
Isocrotyl Chloride	D	D	D	D	D	D	A	D
Isodecanol	D	D	D	D	D	C	A	A
Isododecane	D	D	D	D	D	C	A	A
Isoeugenol	D	D	D	D	D	C	A	A
Isooctane	C	D	D	D	A	C	A	A
Isopentane	D	B	A	A	D	C	A	A
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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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	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	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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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
Linoleic Acid	D	D	D	D	D	C	B	B
Linseed Oil	A	A	A	A	D	C	A	A
Liquid Oxygen (LOX)	D	D	D	D	D	C	C	C
Liquid Petroleum Gas (LPG)	D	D	A	A	A	D	C	A
Liquimoly	D	D	D	D	D	C	A	A
Lithium Bromide (Brine)	D	D	D	D	D	A	C	C
Lithium Carbonate	D	D	D	D	D	A	C	C
Lithium Chloride	D	B	A	A	D	A	C	C
Lithium Citrate	D	D	D	D	D	A	C	C
Lithium Hydroxide	D	B	C	A	D	A	C	C
Lithium Hypochlorite	D	D	D	D	D	A	C	C
Lithium Nitrate	D	D	D	D	D	A	C	C
Lithium Nitrite	D	D	D	D	D	A	C	C
Lithium Perchlorate	D	D	D	D	D	A	C	C
Lithium Salicylate	D	D	D	D	D	A	C	C
Lithopone	D	D	D	D	D	A	C	C
Lubricating Oils (Crude & Refined)	D	A	A	A	D	C	A	B
Lubricating Oils (Synthetic base)	D	D	D	D	D	D	A	D
Lubricating Oils; Di-ester	D	D	D	D	D	C	A	B
Lubricating Oils; petroleum base	D	D	D	D	D	C	A	A
Lubricating Oils; SAE 10; 20; 30; 40; 50	D	D	D	D	D	C	A	A
Lye Solutions	D	D	D	D	D	A	B	B
Magnesium Chloride	A	C	A	A	A	A	A	A
Magnesium Hydroxide	A	B	A	A	A	A	A	C
Magnesium Salts	D	D	D	D	D	A	A	A
Magnesium Sulfite and Sulfate	A	A	A	A	A	A	A	A
Magnesium Trisilicate	D	D	D	D	D	D	D	D
Malathion	D	D	D	D	D	C	A	B
Maleic Acid	D	B	A	A	D	C	A	C
Maleic Anhydride	D	A	A	A	D	C	C	C
Maleic Hydrazide	D	D	D	D	D	A	C	C
Malic Acid	D	D	D	D	D	B	A	A
Mandelic Acid	D	D	D	D	D	A	C	C
Manganese Acetate	D	D	D	D	D	A	C	C
Manganese Carbonate	D	D	D	D	D	A	C	C
Manganese Chloride	D	B	A	A	D	D	C	C
Manganese Dioxide	D	D	D	D	D	A	C	C
Manganese Gluconate	D	D	D	D	D	A	C	C
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Manganese Hypophosphite	D	D	D	D	D	A	C	C
Manganese Linoleate	D	D	D	D	D	A	C	C
Manganese Naphthenate	D	D	D	D	D	D	D	D
Manganese Phosphate	D	D	D	D	D	A	C	C
Manganese Salts; pure-Salt; Inorganic	A	D	D	D	D	D	D	D
Manganese Sulfate	D	A	A	A	D	A	D	D
Manganous Chloride	D	D	D	D	D	A	C	C
Manganous Phosphate	D	D	D	D	D	A	C	C
Manganous Sulfate	D	D	D	D	D	A	C	C
Mannitol	D	D	D	D	D	A	C	C
MCS 312	D	D	D	D	D	C	A	C
MCS 352	D	D	D	D	D	A	C	C
MCS 463	D	D	D	D	D	A	C	C
MDI (Methylene di-p-phenylene isocyanate)	D	D	D	D	D	A	C	C
Mechanical Oil-Hydrocarbon; Mixture	B	D	D	D	D	D	D	D
Mercaptan	D	A	A	A	D	D	D	D
Mercaptoacetic Acid; pure-Acid; Organic	D	D	D	D	D	D	D	D
Mercaptobenzothiazole (MBT)	D	D	D	D	D	D	A	D
Mercuric Acetate	D	D	D	D	D	A	C	C
Mercuric Chloride	A	C	D	D	A	A	A	A
Mercuric Cyanide	D	D	D	D	A	A	C	C
Mercuric Iodide	D	D	D	D	D	A	C	C
Mercuric Nitrate	D	D	D	D	D	A	C	C
Mercuric Sulfate	D	D	D	D	D	A	C	C
Mercuric Sulfite	D	D	D	D	D	A	C	C
Mercurous Nitrate	D	D	D	D	D	A	C	C
Mercury	A	A	A	A	A	A	A	A
Mercury Chloride	D	D	D	D	D	A	C	C
Mercury Fulminate	D	D	D	D	D	A	C	C
Mercury Salts	A	D	D	D	D	A	C	C
Mercury Vapors	D	D	D	D	D	A	A	A
Mesityl Oxide (Ketone)	D	D	D	D	D	B	C	C
Mesitylene; pure-Hydrocarbon; Aromatic	C	D	D	D	D	D	D	D
Meta-Cresol	D	D	D	D	D	D	A	D
Metaldehyde	D	D	D	D	D	A	C	C
Meta-Nitroaniline	D	D	D	D	D	A	C	C
Meta-Toluidine	D	D	D	D	D	D	A	D
Methacrylic Acid	D	D	D	D	D	A	C	C
Methallyl Chloride	D	D	D	D	D	D	A	D
Methane	D	A	A	A	D	C	A	A
Methanol	A	A	A	A	D	A	C	D
Methoxychlor	D	D	D	D	D	D	D	D
Methoxyethanol (DGMMA)	D	D	D	D	D	A	C	C
Methoxyethyl Oleate; pure-Ether; Aliphatic; Ester	A	D	D	D	D	D	D	D
Methyl Abietate	D	D	D	D	D	D	A	D
Methyl Acetate	B	A	A	A	A	C	C	C
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Methyl Acetoacetate	D	D	D	D	D	B	C	C
Methyl Acetophenone	D	D	D	D	D	D	A	D
Methyl Acrylate	D	A	A	A	D	C	C	C
Methyl Alcohol	A	D	D	D	A	A	C	C
Methyl Amylketone	D	D	D	D	D	A	C	C
Methyl Anthranilate	D	D	D	D	D	D	A	D
Methyl Benzene; pure-Hydrocarbon; Aromatic	C	D	D	D	D	D	D	D
Methyl Benzoate	D	D	D	D	D	C	A	C
Methyl Bromide	D	A	A	A	D	C	A	C
Methyl Butyl Ketone	D	D	D	D	D	A	C	C
Methyl Butyrate Cellosolve	D	D	D	D	D	A	C	C
Methyl Butyrate Chloride	D	D	D	D	D	A	C	C
Methyl Carbonate	D	D	D	D	D	C	A	C
Methyl Cellosolve	B	D	D	D	A	B	C	C
Methyl Cellosolve Acetate; pure-Ether; Aliphatic; Polyol	C	D	D	D	D	D	D	D
Methyl Cellulose	D	D	D	D	D	B	C	B
Methyl Chloride	D	A	A	A	A	C	A	C
Methyl Chloroacetate	D	D	D	D	D	A	C	C
Methyl Chloroform	D	D	D	D	D	C	A	C
Methyl Chloroformate	D	D	D	D	D	C	A	C
Methyl Chlorosilanes	D	D	D	D	D	D	D	D
Methyl Cyanide (Acetonitrile)	D	D	D	D	D	A	C	C
Methyl Cyclohexanone	D	D	D	D	D	C	A	A
Methyl Dichloride	D	D	D	D	D	D	A	D
Methyl Ether	D	D	D	D	D	C	A	A
Methyl Ethyl Ketone (MEK)	A	B	A	A	A	A	C	C
Methyl Ethyl Ketone Peroxide	D	D	D	D	D	C	C	C
Methyl Ethyl Oleate	D	D	D	D	D	D	A	D
Methyl Formate	D	D	D	D	A	B	D	C
Methyl Hexyl Ketone (2-Octanone)	D	D	D	D	D	A	C	C
Methyl Iodide	D	D	D	D	D	C	A	A
Methyl Isobutyl Ketone (MIBK)	B	B	A	A	D	C	C	C
Methyl Isocyanate	D	D	D	D	D	A	C	C
Methyl Isopropyl Ketone	D	D	D	D	D	B	C	C
Methyl Isovalerate	D	D	D	D	D	D	A	D
Methyl Lactate	D	D	D	D	D	A	C	C
Methyl Mercaptan	D	D	D	D	D	A	D	D
Methyl Methacrylate	D	A	A	A	D	C	C	C
Methyl Oleate	D	D	D	D	D	B	A	C
Methyl Pentadiene	D	D	D	D	D	D	A	D
Methyl Phenylacetate	D	D	D	D	D	D	A	D
Methyl Propyl Ketone; pure-Ketone; Aliphatic	B	D	D	D	D	D	D	D
Methyl Salicylate	D	D	D	D	D	B	D	C
Methyl Tertiary Butyl Ether (MTBE)	D	B	A	A	D	C	C	C
Methyl Valerate	D	D	D	D	D	D	A	D
Methyl-2-Pyrrolidone or n-Methyl-2-Pyrrolidone	D	D	D	D	D	B	D	D
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Methylacrylic Acid	D	D	D	D	D	B	C	C
Methylal	D	D	D	D	D	D	D	D
Methylamine	D	D	D	D	D	A	C	C
Methylamyl Acetate	D	D	D	D	D	A	C	C
Methylcyclopentane	D	D	D	D	D	C	A	C
Methylene Bromide	D	D	D	D	D	D	A	D
Methylene Chloride	C	B	A	A	A	C	C	C
Methylene Iodide	D	D	D	D	D	D	A	D
Methylglycerol	D	D	D	D	D	A	C	C
Methylisobutyl Carbinol	D	D	D	D	D	C	A	A
Methylpyrrolidine	D	D	D	D	D	D	A	D
Methylpyrrolidone	D	D	D	D	D	D	A	D
Methylsulfuric Acid	D	D	D	D	D	A	C	C
Methyl-t-Butyl Ether; pure-Ether; Aliphatic	C	D	D	D	D	D	D	D
Metrizamide-Misc.	A	D	D	D	D	D	D	D
MIBK; pure-Ketone; Aliphatic	B	D	D	D	D	D	D	D
MIL-A-6091	D	D	D	D	D	A	A	B
MIL-C-4339	D	D	D	D	D	C	A	A
MIL-C-7024	D	D	D	D	D	C	A	A
MIL-C-8188	D	D	D	D	D	C	B	B
MIL-E-9500	D	D	D	D	D	A	A	A
MIL-F-16884	D	D	D	D	D	C	A	A
MIL-F-17111	D	D	D	D	D	C	A	A
MIL-F-25558 (RJ-1)	D	D	D	D	D	C	A	A
MIL-F-25656	D	D	D	D	D	C	A	A
MIL-F-5566	D	D	D	D	D	A	A	B
MIL-F-81912 (JP-9)	D	D	D	D	D	C	A	C
MIL-F-82522 (RJ-4)	D	D	D	D	D	C	A	B
MIL-G-10924	D	D	D	D	D	C	A	A
MIL-G-15793	D	D	D	D	D	C	A	A
MIL-G-21568	D	D	D	D	D	A	A	A
MIL-G-25013	D	D	D	D	D	A	A	A
MIL-G-25537	D	D	D	D	D	C	A	A
MIL-G-25760	D	D	D	D	D	C	A	B
MIL-G-3278	D	D	D	D	D	C	A	B
MIL-G-3545	D	D	D	D	D	C	A	A
MIL-G-4343	D	D	D	D	D	C	A	B
MIL-G-5572	D	D	D	D	D	C	A	A
MIL-G-7118	D	D	D	D	D	C	A	B
MIL-G-7187	D	D	D	D	D	C	A	A
MIL-G-7421	D	D	D	D	D	C	A	B
MIL-G-7711	D	D	D	D	D	C	A	A
MIL-H-13910	D	D	D	D	D	A	A	A
MIL-H-19457	D	D	D	D	D	B	A	C
MIL-H-22251	D	D	D	D	D	A	D	B
MIL-H-27601	D	D	D	D	D	C	A	A
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
MIL-H-46170 -15øF to +400øF	D	D	D	D	D	C	A	A
MIL-H-46170 -20øF to +275øF	D	D	D	D	D	C	A	A
MIL-H-46170 -55øF to +275øF	D	D	D	D	D	C	A	A
MIL-H-46170 -65øF to +275øF	D	D	D	D	D	C	A	A
MIL-H-5606 -65øF to +235øF	D	D	D	D	D	C	A	A
MIL-H-5606 -65øF to +275øF	D	D	D	D	D	C	A	A
MIL-H-6083	D	D	D	D	D	C	A	A
MIL-H-7083	D	D	D	D	D	A	B	A
MIL-H-8446 (MLO-8515)	D	D	D	D	D	C	A	B
MIL-J-5161	D	D	D	D	D	C	A	B
Milk	A	D	D	D	A	A	A	A
MIL-L-15016	D	D	D	D	D	C	A	A
MIL-L-15017	D	D	D	D	D	C	A	A
MIL-L-17331	D	D	D	D	D	C	A	A
MIL-L-2104	D	D	D	D	D	C	A	A
MIL-L-21260	D	D	D	D	D	C	A	A
MIL-L-23699	D	D	D	D	D	C	A	B
MIL-L-25681	D	D	D	D	D	A	A	B
MIL-L-3150	D	D	D	D	D	C	A	A
MIL-L-6081	D	D	D	D	D	C	A	A
MIL-L-6082	D	D	D	D	D	C	A	A
MIL-L-6085	D	D	D	D	D	C	A	B
MIL-L-6387	D	D	D	D	D	C	A	B
MIL-L-7808	D	D	D	D	D	C	A	B
MIL-L-7870	D	D	D	D	D	C	A	A
MIL-L-9000	D	D	D	D	D	C	A	A
MIL-L-9236	D	D	D	D	D	C	A	B
MIL-O-3503	D	D	D	D	D	C	A	A
MIL-P-27402	D	D	D	D	D	A	D	B
MIL-R-25576 (RP-1)	D	D	D	D	D	C	A	A
MIL-S-3136; Type I Fuel	D	D	D	D	D	C	A	A
MIL-S-3136; Type II Fuel	D	D	D	D	D	C	A	B
MIL-S-3136; Type III Fuel	D	D	D	D	D	C	A	B
MIL-S-3136; Type IV Oil High Swell	D	D	D	D	D	C	A	A
MIL-S-3136; Type IV Oil Low Swell	D	D	D	D	D	C	A	A
MIL-S-3136; Type V Oil Medium Swell	D	D	D	D	D	C	A	A
MIL-S-81087	D	D	D	D	D	A	A	A
MIL-T-5624; JP-4; JP-5	D	D	D	D	D	C	A	A
MIL-T-83133	D	D	D	D	D	C	A	A
Mineral Oils	A	A	A	A	A	C	A	A
Mineral Spirits-Hydrocarbon; Mixture	C	A	A	A	D	C	A	A
Mixed Acids	D	D	D	D	A	A	C	C
MLO-7277 Hydr.	D	D	D	D	D	C	A	C
MLO-7557	D	D	D	D	D	C	A	C
MLO-8200 Hydr.	D	D	D	D	D	C	A	B
MLO-8515	D	D	D	D	D	C	A	B
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Mobil 24dte	D	D	D	D	D	C	A	A
Mobil 254 Lubricant	D	D	D	D	D	D	D	D
Mobil Delvac 1100; 1110; 1120; 1130	D	D	D	D	D	C	A	A
Mobil HF	D	D	D	D	D	C	A	A
Mobil Nivac 20; 30	D	D	D	D	D	A	A	A
Mobil SHC 500 Series	D	D	D	D	D	C	A	C
Mobil SHC 600 Series	D	D	D	D	D	C	A	C
Mobil Therm 600	D	D	D	D	D	C	A	A
Mobil Velocite C	D	D	D	D	D	C	A	A
Mobilgas WA200 ATF	D	D	D	D	D	C	A	A
Mobilgear 600 Series	D	D	D	D	D	C	A	C
Mobilgear SHC ISO Series	D	D	D	D	D	C	A	C
Mobilgrease HP	D	D	D	D	D	C	A	B
Mobilgrease HTS	D	D	D	D	D	C	A	B
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
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
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D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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
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
Note:								

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Category Description								
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D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Nitric Acid 3 Molar to 158øF	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 158øF	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
Nitrogylcerol	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		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
Octachloro Toluene	D	D	D	D	D	C	A	C
Octadecane	D	D	D	D	D	C	A	A
Octanal (n-Octanaldehyde)	D	D	D	D	D	C	A	A
Octane or n-Octane	D	D	D	D	D	C	A	A
Octyl Acetate	D	D	D	D	D	A	C	C
Octyl Alcohol	D	D	D	D	D	C	A	B
Note:								

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Category Description								
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D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Octyl Chloride	D	D	D	D	D	C	A	A
Octyl Phthalate	D	D	D	D	D	D	A	D
o-Dichlorobenzene; pure-Hydrocarbon; Aromatic; Halogenated	C	D	D	D	D	D	D	D
Oil of Wintergreen; pure-Ester; Aromatic	D	D	D	D	D	D	D	D
Oil; Cedarwood; pure-Misc.	C	D	D	D	D	D	D	D
Oil; Cinnamon; pure-Misc.	C	D	D	D	D	D	D	D
Oil; Cottonseed; pure-Misc.	A	D	D	D	D	D	D	D
Oil; Linseed; pure-Misc.	A	D	D	D	D	D	D	D
Oil; Mineral-Hydrocarbon; Mixture	A	D	D	D	D	D	D	D
Oil; Paraffin; pure-Hydrocarbon; Mixture	B	D	D	D	D	D	D	D
Oil; Sesame; pure-Misc.	D	D	D	D	D	D	D	D
Oil; Wintergreen; pure-Ester; Aromatic	D	D	D	D	D	D	D	D
Olefins	D	D	D	D	D	D	A	D
Oleic Acid	A	B	A	A	A	C	C	C
Oleum (Fuming Sulfuric Acid)	C	B	C	A	D	C	A	C
Oleum Spirits	D	D	D	D	A	C	A	B
Oleyl Alcohol	D	D	D	D	D	D	A	D
Olive Oil	D	A	A	A	D	C	A	A
Orange Oil; pure-Misc.	B	D	D	D	D	D	D	D
Oronite 8200	D	D	D	D	D	C	A	B
Oronite 8515	D	D	D	D	D	C	A	B
Ortho-Chloro Ethyl Benzene	D	D	D	D	D	C	A	C
Ortho-Chloroaniline	D	D	D	D	D	A	C	C
Ortho-Chlorophenol	D	D	D	D	D	A	C	C
Ortho-Cresol	D	D	D	D	D	A	C	C
Ortho-Dichlorobenzene	D	D	D	D	D	C	A	C
Ortho-Nitrotoluene	D	D	D	D	D	A	C	C
Orthophos Acid	D	D	D	D	D	D	D	D
OS 45 Type III (OS45)	D	D	D	D	D	C	A	B
OS 45 Type IV (OS45-1)	D	D	D	D	D	C	A	B
OS 70	D	D	D	D	D	C	A	B
Oxalic Acid	A	C	A	A	A	A	A	C
Oxygen; 200-300øF (Evaluate for specific apps)	D	D	D	D	A	C	B	C
Oxygen; 300-400øF (Evaluate for specific apps)	D	D	D	D	A	C	B	C
Oxygen; Cold (Evaluate for specific applications)	D	D	D	D	A	A	A	B
Oxygen; gas; pure-Element; Gas	C	A	A	A	D	C	C	C
Oxygen; Liquid	D	D	D	D	D	C	C	C
Ozonated Deionized Water	D	D	D	D	D	A	C	C
Ozone C	A	A	A	A	D	A	C	
Ozone; 10ppm in Water-Oxidizer; Inorganic; Solution	C	D	D	D	D	D	D	D
Paint Thinner; Duco	D	D	D	D	D	C	B	C
Palmitic AciD	D	A	A	A	A	C	A	A
Para-Aminobenzoic Acid	D	D	D	D	D	A	C	C
Para-Aminosalicylic Acid	D	D	D	D	D	A	C	C
Para-Bromobenzylphenyl Ether	D	D	D	D	D	D	D	D
Para-Chlorophenol	D	D	D	D	D	A	C	C
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Paracymene D	A	A	A	D	C	A	C	
Para-Dichlorobenzene	D	D	D	D	D	C	A	C
Paraffins	B	A	A	A	D	C	A	A
Para-Formaldehyde	D	A	A	A	D	D	C	C
Paraldehyde	D	A	A	A	D	D	C	C
Par-al-Ketone	D	D	D	D	D	C	C	C
Para-Nitroaniline	D	D	D	D	D	A	C	C
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
Permanganic 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
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
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D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Petrolatum	D	D	D	D	D	C	A	A
Petrolatum Ether	D	D	D	D	D	C	A	A
Petroleum Oil; Above 250øF	C	A	A	A	A	C	A	D
Petroleum Oil; Below 250øF	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
Phenylacetate	D	D	D	D	D	A	C	C
Phenylacetic Acid	D	B	A	A	D	A	C	C
Phenylbenzene	D	D	D	D	D	C	A	C
Phenylene Diamine	D	D	D	D	D	D	D	D
Phenylethanol; pure-Alcohol; Aromatic	D	D	D	D	D	D	D	D
Phenylethyl Alcohol	D	D	D	D	D	D	A	D
Phenylethyl Ether	D	D	D	D	D	C	C	C
Phenylethyl Malonic Ester	D	D	D	D	D	D	A	D
Phenylglycerine	D	D	D	D	D	A	C	C
Phenylhydrazine	D	D	D	D	D	B	A	C
Phenylhydrazine Hydrochloride	D	D	D	D	D	A	C	C
Phenylmercuric Acetate	D	D	D	D	D	A	C	C
Phorone	D	D	D	D	D	C	C	C
Phosgene	D	C	A	A	D	C	C	C
Phosphine	D	D	D	D	D	D	D	D
Phosphoric Acid 3 Molar to 158øF	D	D	D	D	A	A	A	A
Phosphoric AciD C oncentrated Room Temp	A	D	D	D	A	A	A	B
Phosphoric AciD C oncentrated to 158øF	D	D	D	D	A	A	A	C
Phosphoric Acid; 10%-Acid; Inorganic	A	A	A	A	D	A	A	C
Phosphoric Acid; 20%	D	A	A	A	A	A	A	C
Phosphoric Acid; 25%-Acid; Inorganic	A	A	A	A	D	A	A	C
Phosphoric Acid; 30%-Acid; Inorganic	A	A	A	A	D	A	A	C
Phosphoric Acid; 45%	D	A	A	A	A	A	A	C
Phosphoric Acid; 5%-Acid; Inorganic	A	A	A	A	D	A	A	C
Phosphoric Acid; 50%-Acid; Inorganic	A	A	A	A	D	A	A	C
Phosphoric Acid; 85%-Acid; Inorganic	A	A	A	A	D	A	A	C
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Phosphoric Acid; 88%-Acid; Inorganic	A	D	D	D	D	D	D	D
Phosphoric Acid; 95%-Acid; Inorganic	A	D	D	D	D	D	D	D
Phosphorus (Molten)	D	D	D	D	D	D	D	D
Phosphorus Oxychloride	D	C	A	A	D	C	C	C
Phosphorus Trichloride	D	A	A	A	D	A	A	C
Phosphorus Trichloride Acid	D	D	D	D	D	A	A	C
Photographic Hypo-Salt; Inorganic; Reducer	A	D	D	D	D	D	D	D
Photoresists-Misc.; Photoreist	D	D	D	D	D	D	D	D
Phthalic AciD	D	A	A	A	D	D	C	C
Phthalic Anhydride	D	A	A	A	D	D	C	C
Pickling Solution	D	D	D	D	D	C	B	C
Picric Acid (aq)	C	B	A	A	A	D	A	D
Picric Acid Molten	D	D	D	D	D	B	A	B
Pine Oil	A	D	D	D	D	C	A	A
Pine Tar	D	D	D	D	D	C	A	A
Pinene	D	D	D	D	D	C	A	B
Piperazine	D	D	D	D	D	D	A	D
Piperidine	D	D	D	D	D	C	A	C
Piranha (H2SO4:H2O2)(70:30)	D	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	A
Plating Solutions Chrome	D	C	C	A	D	B	A	C
Plating Solutions Others	D	D	D	D	D	A	A	A
Pneumatic Service	D	D	D	D	D	A	A	A
Polyethylene Glycol	D	A	A	A	D	A	D	C
Polyglycerol	D	D	D	D	D	A	C	C
Polyglycol	D	D	D	D	D	A	C	C
Polyvinyl Acetate Emulsion	D	D	D	D	D	A	D	D
Potassium (Molten)	D	D	D	D	D	D	D	D
Potassium Acetate	A	D	D	D	D	A	C	B
Potassium Acid Sulfate	D	D	D	D	D	A	C	C
Potassium Alum	D	D	D	D	D	A	C	C
Potassium Aluminum Sulfate	D	D	D	D	D	A	C	C
Potassium Antimonate	D	D	D	D	D	A	C	C
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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Pyrogallol (Pyrogallic 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
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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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 Irus 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
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
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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 A sh)	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
Sodium Dihydrogen Phosphate; pure-Salt; Inorganic	A	D	D	D	D	D	D	D
Sodium Diphenyl Sulfonate	D	D	D	D	D	A	C	C
Sodium Diphosphate	D	D	D	D	D	A	C	C
Sodium Disilicate	D	D	D	D	D	A	C	C
Sodium Dodecyl Sulfate; pure-Detergent	A	D	D	D	D	D	D	D
Sodium Ethylate	D	D	D	D	D	A	C	C
Sodium Ferricyanide	D	B	A	A	D	A	D	C
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Sodium Ferrocyanide	D	D	D	D	D	A	C	C
Sodium Fluoride	D	D	D	D	D	A	C	C
Sodium Fluorosilicate	D	D	D	D	D	A	C	C
Sodium Glutamate	D	D	D	D	D	A	C	C
Sodium Hydride	D	D	D	D	D	D	D	D
Sodium Hydrogen Sulfate	D	D	D	D	D	A	C	C
Sodium Hydrosulfide	D	A	A	A	D	A	C	C
Sodium Hydrosulfite	D	D	D	D	D	A	C	C
Sodium Hydroxide; <1%-Base/Caustic; Inorganic	A	D	D	D	D	D	D	D
Sodium Hydroxide; 1%-Base/Caustic; Inorganic	A	A	A	A	D	A	C	C
Sodium Hydroxide; 10%-Base/Caustic; Inorganic	A	A	A	A	D	A	C	C
Sodium Hydroxide; 1N-Base/Caustic; Inorganic	A	D	D	D	D	D	D	D
Sodium Hydroxide; 3 Molar	A	D	D	D	A	A	B	B
Sodium Hydroxide; 32%-Base/Caustic; Inorganic	A	C	A	A	D	A	C	C
Sodium Hydroxide; 5%-Base/Caustic; Inorganic	A	A	A	A	D	A	C	C
Sodium Hydroxide; 50%-Base/Caustic; Inorganic	A	C	A	A	D	A	C	C
Sodium Hydroxide; 52%-Base/Caustic; Inorganic	A	C	A	A	D	A	C	C
Sodium Hydroxide; 6N-Base/Caustic; Inorganic	A	D	D	D	D	D	D	D
Sodium Hydroxide; concentrated-Base/Caustic; Inorganic	A	D	D	D	D	D	D	D
Sodium Hydroxide; pure-Base/Caustic; Inorganic	A	D	D	D	D	D	D	D
Sodium Hypochlorite	C	C	C	A	A	A	A	C
Sodium Hypophosphate	D	D	D	D	D	A	C	C
Sodium Hypophosphite	D	D	D	D	D	A	C	C
Sodium Hyposulfite	D	D	D	D	D	A	C	C
Sodium Iodide	A	D	D	D	D	A	C	C
Sodium Lactate	D	D	D	D	D	A	C	C
Sodium Lauryl Sulfate; pure-Detergent	A	D	D	D	D	D	D	D
Sodium Metaborate; pure-Salt; Inorganic	D	D	D	D	D	D	D	D
Sodium Metaphosphate	D	D	D	D	A	A	A	A
Sodium Metasilicate	D	A	A	A	A	A	D	D
Sodium Methylate	D	D	D	D	D	A	C	C
Sodium Monophosphate	D	D	D	D	D	A	C	C
Sodium Nitrate	A	A	A	A	A	A	C	C
Sodium Oleate	D	D	D	D	D	A	C	C
Sodium Orthosilicate	D	D	D	D	D	A	C	C
Sodium Oxalate	D	D	D	D	D	A	C	C
Sodium Perborate	A	D	D	D	A	A	A	B
Sodium Percarbonate	D	D	D	D	D	A	C	C
Sodium Perchlorate	D	B	A	A	D	A	C	C
Sodium Peroxide	D	D	D	D	A	A	A	B
Sodium Persulfate	D	D	D	D	D	A	C	C
Sodium Phenolate	D	D	D	D	D	A	C	C
Sodium Phenoxide	D	D	D	D	D	A	C	C
Sodium Phosphate (Dibasic)	A	A	A	A	A	A	A	A
Sodium Phosphate (Mono)	A	A	A	A	A	A	A	A
Sodium Phosphate (Tribasic)	D	A	A	A	A	A	A	A
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Sodium Phosphate; pure-Salt; Inorganic	A	D	D	D	D	D	D	D
Sodium Plumbite	D	D	D	D	D	A	C	C
Sodium Pyrophosphate	D	D	D	D	D	A	C	C
Sodium Resinate	D	D	D	D	D	A	C	C
Sodium Salicylate	D	D	D	D	D	A	C	C
Sodium Salts	D	D	D	D	D	A	A	A
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 400øF	D	D	D	D	D	A	C	C
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Steam; 400ø-500øF	D	D	D	D	D	C	C	C
Steam; Above 500øF	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 C hloride	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
Sulfonic Acid	D	D	D	D	D	A	C	C
Sulfonyl Choride	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 158øF	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
Note:								

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CopyRight 2008 Connexion Developments Ltd 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								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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 158øF	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 C hlorohydrin (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
Terephthalic Acid	D	D	D	D	D	A	C	C
Terpineol	D	D	D	D	D	C	A	B
Terpinyl Acetate	D	D	D	D	D	C	A	B
tert-Butanol; 100%-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
tert-Butanol; pure-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
tert-Butyl Alcohol; 100%-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
tert-Butyl Alcohol; pure-Alcohol; Aliphatic	A	D	D	D	D	D	D	D
Tertiary Amyl Methyl Ether (TAME)	D	D	D	D	D	D	D	D
Tertiary Butyl Catechol or p-Tert Butyl Catechol	D	D	D	D	D	B	A	C
Tertiary Butyl Mercaptan	D	D	D	D	D	C	A	C
Tetrabromoethane	D	D	D	D	D	C	A	C
Tetrabromomethane	D	D	D	D	D	C	A	B
Tetrabutyl Titanate	D	D	D	D	D	A	A	B
Tetrachloroethylene	C	B	A	A	D	C	A	C
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Tetrachoroethane	D	C	A	A	D	C	A	C
Tetraethyl Lead	D	B	A	A	D	C	A	C
Tetraethyl LeaD B lend	D	D	D	D	D	C	A	B
Tetraethyl Orthosilicate (TEOS)	D	D	D	D	D	D	D	D
Tetrahydrofuran	B	B	A	A	D	C	C	C
Tetrahydronaphthalene; pure-Hydrocarbon; Aromatic	C	D	D	D	D	D	D	D
Tetralin	C	D	D	D	D	C	A	C
Tetramethyl Ammonium Hydroxide	D	D	D	D	D	A	C	C
Tetramethylcyclotetrasiloxane (TMCTS)	D	D	D	D	D	D	D	D
Tetramethyldihydropyridine	D	D	D	D	D	C	A	B
Tetramethyldihydropyridine	D	D	D	D	D	C	A	B
Tetraphosphoglucosate	D	D	D	D	D	A	C	C
Tetraphosphoric Acid	D	D	D	D	D	D	D	D
Texaco 3450 Gear Oil	D	D	D	D	D	C	A	A
Texaco Capella A and AA	D	D	D	D	D	C	A	A
Texaco Meropa 220 (No Lead)	D	D	D	D	D	C	A	A
Texaco Regal B	D	D	D	D	D	C	A	A
Texaco Uni-Temp Grease	D	D	D	D	D	C	A	A
Texamatic A 1581 Fluid	D	D	D	D	D	C	A	A
Texamatic A 3401 Fluid	D	D	D	D	D	C	A	A
Texamatic A 3525 Fluid	D	D	D	D	D	C	A	A
Texamatic A 3528 Fluid	D	D	D	D	D	C	A	A
Texamatic A Transmission Oil	D	D	D	D	D	C	A	A
Texas 1500 Oil	D	D	D	D	D	C	A	A
TFA; 100%-Acid; Organic; Halogenated	D	D	D	D	D	D	D	D
TFA; 20%-Acid; Organic; Halogenated	D	D	D	D	D	D	D	D
TFA; 4%-Acid; Organic; Halogenated	A	D	D	D	D	D	D	D
TFA; 48%-Acid; Organic; Halogenated	A	D	D	D	D	D	D	D
TFA; pure-Acid; Organic; Halogenated	D	D	D	D	D	D	D	D
Therminol 44	D	A	A	A	D	C	A	C
Therminol 55	D	A	A	A	D	C	A	C
Therminol 66	D	A	A	A	D	C	A	C
Therminol FR	D	A	A	A	D	C	A	C
Therminol VP-1; 60; 65	D	A	A	A	D	C	A	C
THF; pure-Ether; Cyclic	B	D	D	D	D	D	D	D
Thio AciD C hloride	D	D	D	D	D	D	D	D
Thioamyl Alcohol	D	D	D	D	D	C	A	A
Thiodiacetic Acid	D	D	D	D	D	A	C	C
Thioethanol	D	D	D	D	D	A	C	C
Thioglycolic Acid	D	D	D	D	D	A	C	C
Thiokol TP-90B	D	D	D	D	D	A	A	C
Thiokol TP-95	D	D	D	D	D	A	A	C
Thionyl Chloride	C	D	D	D	D	C	A	B
Thiophene (Thiofuran)	D	D	D	D	D	C	A	B
Thiophosphoryl Chloride	D	D	D	D	D	A	C	C
Thiourea	D	D	D	D	D	A	C	C
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Thorium Nitrate	D	D	D	D	D	A	C	C
Tidewater Multigear; 140 EP Lube	D	D	D	D	D	C	A	A
Tidewater Oil-Beedol	D	D	D	D	D	C	A	A
Tin Ammonium Chloride	D	D	D	D	D	A	C	C
Tin Chloride	D	D	D	D	D	C	A	A
Tin Tetrachloride	D	D	D	D	D	C	A	A
Tincture of Iodine-Misc.	A	D	D	D	D	D	D	D
Titanic Acid	D	D	D	D	D	A	C	C
Titanium Dioxide	D	A	A	A	D	A	D	D
Titanium Sulfate	D	D	D	D	D	A	C	C
Titanium Tetrachloride	D	B	A	A	D	C	A	C
Toluene	C	A	A	A	A	C	D	C
Toluene Bisodium Sulfite	D	D	D	D	D	D	D	D
Toluene Diisocyanate (TDI)	D	D	D	D	D	B	C	C
Toluene Sulfonyl Chloride	D	D	D	D	D	C	A	B
Toluenesulfonic Acid	D	D	D	D	D	A	C	C
Toluidine	D	D	D	D	D	C	A	B
Toluol	C	D	D	D	A	A	C	C
Toluquinone	D	D	D	D	D	C	A	B
Tolylaldehyde	D	D	D	D	D	A	C	C
Transformer Oil	A	D	D	D	D	C	A	A
Transmission Fluid Type A	D	A	A	A	D	C	A	A
Triacetin	D	D	D	D	D	A	C	B
Triaryl Phosphate	D	D	D	D	D	A	A	C
Tribasic Potassium Phosphate; pure-Salt; Inorganic	A	D	D	D	D	D	D	D
Tribromomethylbenzene	D	D	D	D	D	C	A	B
Tributoxyethyl Phosphate	D	D	D	D	D	A	A	C
Tributyl Citrate	B	D	D	D	D	A	C	C
Tributyl Mercaptan	D	D	D	D	D	C	A	C
Tributyl Phosphate	D	D	D	D	A	A	C	C
Tributylamine	D	D	D	D	D	D	D	D
Trichloroacetic Acid	B	C	A	A	D	C	C	C
Trichloroacetyl Chloride	D	D	D	D	D	C	A	B
Trichlorobenzene	C	A	A	A	D	C	A	C
Trichloroethane	C	A	A	A	D	C	A	C
Trichloroethanolamine	C	D	D	D	D	A	C	C
Trichloroethylene	C	A	A	A	D	C	A	C
Trichlorofluoromethane; pure-Hydrocarbon; Aliphatic; Halogenated	D	D	D	D	D	D	D	D
Trichloromethane	D	D	D	D	D	C	A	C
Trichloronitromethane (Chloropicrin)	D	D	D	D	D	A	C	C
Trichlorophenylsilane	D	D	D	D	D	D	D	D
Trichloropropane	D	D	D	D	D	C	A	C
Trichlorosilane	D	D	D	D	D	C	A	C
Trichlorotrifluoroethane; pure-Hydrocarbon; Aliphatic; Halogenated	A	D	D	D	D	D	D	D
Tricresyl Phosphate	A	D	D	D	D	A	B	C
Triethanol Amine	D	A	A	A	D	C	C	C
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Triethanolamine; pure-Amine; AliphatiC	C	A	A	A	D	C	C	C
Triethyl Phosphate	D	D	D	D	D	C	A	B
Triethylaluminum	D	D	D	D	D	D	D	D
Triethylamine; pure-Amine; Aliphatic	D	D	D	D	D	D	D	D
Triethylborane	D	D	D	D	D	D	D	D
Triethylene Glycol	D	D	D	D	D	A	C	C
Triethylene Glycol; pure-Alcohol; Aliphatic; Polyol	A	D	D	D	D	D	D	D
Triethylenetetramine	D	D	D	D	D	A	C	C
Trifluoroacetic Acid	D	D	D	D	D	A	C	C
Trifluoroethane	D	D	D	D	D	C	A	C
Trifluoromethane	D	D	D	D	D	C	A	C
Trifluorovinylchloride	D	D	D	D	D	C	A	B
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; Alipahtic	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
Trinitrololuene (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
Note:								

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Category Description								
A No known effect								
B Some effect; evaluate with caution								
C Moderate to Severe effect; evaluation not recommended								
D Unknown								
	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
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(Polyalkalene 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(Ultrapure 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
Valeric Acid	D	D	D	D	D	A	C	C
Vanadium Oxide	D	D	D	D	D	C	A	A
Vanadium Pentoxide	D	D	D	D	D	C	A	A
Varnish	D	D	D	D	A	C	A	B
Vegetable Oil	A	A	A	A	D	C	A	A
Versilube F44; F55	D	D	D	D	D	A	A	A
Versilube F-50	D	D	D	D	D	A	A	A
Vinegar	A	A	A	A	A	C	C	C
Vinyl Acetate	D	A	A	A	D	D	C	C
Vinyl Benzene	D	D	D	D	D	C	A	B
Vinyl Benzoate	D	D	D	D	D	C	A	B
Vinyl Chloride	D	A	A	A	D	C	A	C
Vinyl Fluoride	D	D	D	D	D	C	A	B
Vinylidene Chloride	C	D	D	D	D	C	A	B
Vinylpyridine	D	D	D	D	D	C	A	B
Vitriol (White)	D	D	D	D	D	A	C	C
VV-H-910	D	D	D	D	D	A	A	C
Wagner 21B Brake Fluid	D	D	D	D	D	A	C	C
Water	A	A	A	A	A	A	A	A
Waycoat 59 Photoresist-Misc.; Photoresist	D	D	D	D	D	D	D	D
Wemco C	D	D	D	D	D	C	A	A
Note:								

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Category Description

A No known effect

B Some effect; evaluate with caution

C Moderate to Severe effect; evaluation not recommended

D Unknown

	PP	316SS	Carbon	Ceramic	PTFE	EPDM	FKM	NBR
Whiskey	D	A	A	A	A	A	D	D
White Liquor	D	D	D	D	D	A	A	A
White Oil	D	D	D	D	D	C	A	A
White Paraffin; pure-Hydrocarbon; Mixture	B	D	D	D	D	D	D	D
White Pine Oil	D	D	D	D	D	C	A	B
White Spirits-Hydrocarbon; Mixture	D	D	D	D	D	D	D	D
Wine	D	A	A	A	A	A	A	A
Wolmar Salt	D	D	D	D	D	A	A	A
WooD A lcohol	D	D	D	D	D	A	C	A
Wood Oil	D	D	D	D	D	C	A	A
Xenon	D	D	D	D	D	A	A	A
Xylene	C	A	A	A	A	C	A	C
Xylidenes-Mixed-Aromatic Amines	D	D	D	D	D	A	C	C
Xylol	C	D	D	D	A	C	A	C
Zeolites	D	D	D	D	D	A	A	A
Zephiran Chloride; 1%-Misc.; Disinfectant	A	D	D	D	D	D	D	D
Zephiran Chloride; 7%-Misc.; Disinfectant	A	D	D	D	D	D	D	D
Zinc Acetate	D	D	D	D	D	A	C	B
Zinc Ammonium Chloride	D	D	D	D	D	A	C	C
ZinC Chloride	A	C	A	A	A	A	A	A
ZinC Chromate	D	D	D	D	D	A	C	C
ZinC Cyanide	D	B	A	A	D	A	D	D
Zinc Diethyldithiocarbamate	D	D	D	D	D	A	C	C
Zinc Dihydrogen Phosphate	D	D	D	D	D	A	C	C
Zinc Fluorosilicate	D	D	D	D	D	D	D	D
Zinc Hydrosulfite	D	D	D	D	D	A	C	C
Zinc Naphthenate	D	D	D	D	D	D	D	D
Zinc Nitrate	D	B	A	A	D	A	A	A
Zinc Oxide	D	D	D	D	D	A	A	A
Zinc Phenolsulfonate	D	D	D	D	D	A	C	C
Zinc Phosphate	D	A	A	A	D	A	A	A
Zinc Salts	D	D	D	D	D	A	A	A
Zinc Silicofluoride	D	D	D	D	D	D	D	D
Zinc Stearate	A	D	D	D	D	A	C	C
Zinc Sulfate	A	B	A	A	A	A	A	A
Zinc Sulfide	D	D	D	D	D	A	C	C
Zirconium Nitrate	D	D	D	D	D	A	A	A

Note: