



CHEMICAL RESISTANCE GUIDE





Disclaimer: The recommendations contained within this guide are to be used as a general reference. Elastomer suitability should be confirmed with Elite Seal prior to installation or design. In addition, the elastomer should be tested in your specific application to ensure proper performance.

TRADE NAME	DESCRIPTION
BUTYL	SOBUTYLENE-ISOPRENE
EPDM	ETHYLENE PROPYLENE-DIENE
HYTREL	THERMOPLASTIC POLYESTER
NEOPRENE	POLYCHLOROPREN
NYLON	NYLON POLYMER
SANTOPRENE	ETHYLENE-PROPYLENE-DIENE
UHMW	ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE
VITON	FLOROELASTOMER

TRADE NAME	DESCRIPTION
CPE	CHLORINATED POLYETHYLENE
HYPALON	CHLOROSULTONYL POLYETHYLENE
NATURAL	NATURAL RUBBER
NITRILE	ACRYLONITRILE
SBR	STYRENE-BUTADIENE
TEFLON	FLUOROCARBON RESIN
URETHANE	URETHANE
XLPE	CROSS-LINKED POLYETHYLENE

KEY:
 E = EXCELLENT
 G = GOOD
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 C = CONDITIONAL
 X = UNSATISFACTORY
 BLANK = NO DATA

CHEMICAL OR MATERIAL CONVEYED

	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE	SBR	TEFLON	UHMW	URETHANE	VITON	XLPE
ACETALDEHYDE	E		G	C			F	X	E	X		G	G	X		E
ACETIC ACID, GLACIAL	G	G	G	X	E	X	X	C	X	X	X	C	E	X	X	E
ACETIC ACID-10%	E	E	E	F	E	F	F	X	E	F	E	G	E	X	C	E
ACETIC ACID-50%	E	E	E	X	E	G	X	X	C	X	C	G	G	X	V	E
ACETIC ANHYDRIDE	E	E	E	G	C	F	G	X	G	X	X	G	G	X	X	E
ACETIC OXIDE	E	E		G		F				G		E			X	E
ACETONE	E	E	E	F	G	C	X	X	E	C	E	G	E	X	X	E
ACETONE CYANOHYDRIN	E	E		F		F				F			G		X	E
ACETONITRILE		E										F				
ACETOPHENONE	E		E	X		X	X	X		X			X	X	X	X
ACETYL ACETONE	G	G	E	X		X	X	X		X		G	E	X	X	E
ACETYL CHLORIDE	X	E	X	X		X	X	X		X			G	X	E	G
ACETYL OXIDE	E	E		G		F				G		E	E		X	E
ACETYLENE	E		E	E	E	E	G	E	E	E			E	C	E	E
ACETYLENE DI+ TETRA CHLORIDE	X			X		X				X					G	G
ACROLEIN	E			G		G				F		G			E	E
ACRYLENITRILE	X	E	X	C		X	X	X	G	X				X	X	C
ACRYLIC ACID		E														
ADIPIC ACID	E		G	E			G	G		G				E		
AIR, +300F			X	X		X	X	X		X			X	X	X	
ALK-TRI	X			X		X		X							E	E
ALLYL ALCOHOL	E	E		E		E				E			E		E	E
ALLYL BROMIDE	X	G		X		X				X			G		G	G
ALLYL CHLORIDE	X	G		X		X				X		E	G		G	G
ALUM	E	E	E	E		E	E	E	C	E		E	E		E	E
ALUMINUM ACETATE (AQ)	G	E	E			X	G	F		X		E	E	X	X	E
ALUMINUM CHLORIDE(AQ)-40%	E	E	E	E	C	E	E	E	X	E		E	E	E	E	E
ALUMINUM FLUORIDE	E		E	E		G	E	E	X	E			E	C	C	E
ALUMINUM FORMATE	G			X		X				X			E		X	E
ALUMINUM HYDROXIDE		E		G		E	E	G				E	E			
ALUMINUM NITRATE (AQ)	E	E	E	E		E	E	E		E		E	E	C	E	E
ALUMINUM SULFATE (AQ)	E	E	E	E	C	E	E	E	X	E		E	E	X	E	E
ALUMS-NH3-CR-K	E		E	E		E	E	E	X	E					E	
AMINES-MIXED	G		G	X		G	G	X		G				X	X	
AMINO BENZENE		G														
AMINODIMETHYLBENZENE		C														

CHEMICAL RESISTANCE CHART

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	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE	SBR	TEFLON	UHMW	URETHANE	VITON	XLPE
AMINOETHANE		E														
AMINOXYLENE		C														
AMMONIUM CARBONATE (AQ)	E		E			E	E	X	G	E				G	C	
AMMONIUM CHLORIDE (AQ)	E	E	E	E	E	E	E	E	X	E		E	E	E	C	E
AMMONIUM HYDROXIDE	E	E	E	G	C	X	E	X	E	X		E	E	X	C	E
AMMONIUM NITRATE (AQ)	E		E	E			E	E	E	E		E	E	X	C	E
AMMONIUM PHOSPHATE, DIBASIC	E	E	E	E		E	E	E	E	E		E	E		C	E
AMMONIUM SULPHATE (AQ)	E	E	E	E	C	E	E	E	E	E		E	E	E	X	E
AMMONIUM SULPHITE	E	E		E		E				E					E	E
AMMONIUM THIOSULPHATE	E	E		E		E				E		E		G	E	E
AMYL ACETATE	E	C	X	X	C	X	X	X	E	X	X	C	E	X	X	E
AMYL ACETONE	G			X		X				X					X	E
AMYL ALCOHOL	E	E	E	E	E	E	G	X	E	E	X	E	E	X	G	E
AMYL BROMIDE		C														
AMYL CHLORIDE	X	G	X	X		X	X			X		E	E	C	G	G
AMYL ETHER		E														
AMYLAMINE	E	G		F		G				G						
ANETHOLE	X	X		X		X			G	X			G		G	G
ANILINE	E	G	C	X	X	X	X	X	X	X	E	E	E	X	C	E
ANILINE DYES	G	G	G	G		G	G	X	X	G		F	E	X	G	E
ANILINE OIL	G		G	X		X	X	X		X				X	C	
ANIMAL FATS	G	E	C	X	C	X	C	E	E	X	X		E	C	E	E
ANTIMONY PENTACHLORIDE	X			X		X				X						E
AQUA REGIA	X	G	C	C		X	X	X		X		E	X	X	G	X
ARGON	G		E	X	E	X	X	C	E	X		E	E	E		E
ARSENIC ACID	E	E	E	E		E	E	E		E		E		C	E	E
ASPHALT	X		X	X	C	X	X	X	E	X		E	X	G	E	X
ASTM FUEL A	X	E	X	G	E	X	E	E	E	X	X	E	G	E	E	G
ASTM FUEL B	X	G	X	X	E	X	X	E	E	X	X	E	G	E	E	G
ASTM FUEL C	X	G	X	X	E	X	X	G	E	X	X	E	G	X	E	G
ASTM OIL NO. 1	X	E	X	G	E	X	E	E	E	X	X	E	E	E	E	E
ASTM OIL NO. 2	X	E	X	X	E	X	G	E	E	X	X	E	E	E	E	E
ASTM OIL NO. 3	X	G	X	X	C	X	X	E	E	X	X	E	E	E	E	E
ASTM OIL NO. 4	X		X	X		X	X	G		X			E	X	E	E
AUTOMATIC TRANSMISSION FLUID	X	E	X	C		X	G	E		X			E	G	E	E
BANANA OIL	C	G	C					X		X			E			E
BARIUM CHLORIDE (AQ)	E	E	E	E		E	E	E	X	E		E	E	G	E	E
BARIUM HYDROXIDE (AQ)	E	E	E	E	C	E	E	E	E	E		E	E	E	E	E
BARIUM SULFIDE (AQ)	E	E	E	E		E	E	E	F	E		E	E	E	E	E
BEER	E	E	G	E	G	E	G	C	G	E		E	E	X	E	E
BEET SUGAR LIQUORS	E	E	E	E		E	G	E	E	E		E	G	X	E	E
BENZAL CHLORIDE	G	X											E			E
BENZALDEHYDE	E	C	E	X	X	X	X	X	E	X	X	C		X	X	E
BENZENE	X	X	X	X	C	X	X	X	E	X	X	G	G	X	E	E
BENZENE CARBOXYLIC ACID		E														
BENZINE	X		X	X		X	G	E	E	X		E		G	E	E
BENZOIC ACID	X	E	X	X		X	X	X	G	X		G		X	E	E
BENZOL		G	X					X	F			E	G			
BENZOTRICHLORIDE		X											G			G

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	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE SBR	TEFLON	UHMW	URETHANE	VITON	XLPE
BENZYL ACETATE	G	G		X		X				X			E	X	E
BENZYL ALCOHOL	X	E	X	F		X	C	X	C	X	X	E	E	X	E
BENZYL CHLORIDE	G	X	G	C		C	X	X		C		E	E	C	E
BENZYL ETHER		C													
BIS (2-CHLOROETHYL) ETHER		G													
BLACK SULFATE LIQUOR	E		E	G		G	G	G	F	G		E	E	X	E
BLEACH (2-15%)	G		G	F		X	X	X		X		E	E	X	G
BORAX SOLUTION	E	E	E	E	E	G	E	C	E	G	G	E	E	G	E
BORIC ACID		E	E	E	E	E	E	E	E	E	E	E	E	E	E
BRAKE FLUID (HD-557) 12 DAYS	G	E	E	G			G	C	E	E		E		X	
BRINE	E	E	E	E		E	E	F	C	E		E	E	E	E
BROMACIL			E												
BROMOBENZENE	X	X	X	X		X	X	X		X		C	X	G	C
BROMOCHLOROMETHANE	G	G	G	X		X	X	X		X				X	G
BROMOETHANE		G													
BROMOTOLUENE	X	X		X		X				X				G	F
BUGDIOXANE															E
BUNKER OIL	X		X	X		X	X	E		E		E		G	E
BUTADIENE	X		X	C		X	X	X		X		E		X	G
BUTANE	E	G	X	G	E	X	E	E	E	X		E	E	E	E
BUTANOIC ACID		E													
BUTANOL (BUTYL ALCOHOL)	E	E	G	E	E	E	E	E	E	E	G	E	E	G	E
BUTANONE		G			X			X	E		X	G	E	X	E
BUTOXYETHANOL		E													
BUTYL ACETATE	G	G	C	X	C	X	X	X		X		C	E	X	X
BUTYL ACRYLATE	X	G	X	X		X	X	X				G		X	G
BUTYL ALCOHOL	E	E	E	E		E	E	E		E		G	E	G	E
BUTYL ALDEHYDE	E	G				F						E		X	E
BUTYL BENZYL PHTHALATE	E		E	X		X	X	C		X		E		C	E
BUTYL CARBITOL	E	E	E	C		X	C	X		X		E	E	C	C
BUTYL CELLUSOLVE	E	E	G	X		X	X	C		X		E	E	E	X
BUTYL CHLORIDE	F	C		X		X				X		C		G	G
BUTYL ETHER	C	E	C	X		X	X	C		X		E	G	X	E
BUTYL ETHER ACETALDEHYDE	E			X		X				X		E		X	E
BUTYL ETHYL ETHER	G			X		X				X		E			E
BUTYL OLEATE	G		G	X		X	X	X		X				E	
BUTYL PHTHALATE	E	C		X		X				X				F	E
BUTYL STEARATE	X	G	X	X		X	X	G		X		E	E	C	E
BUTYLENE	X		X	X		X	C	G		X				X	E
BUTYRALDEHYDE	E	G	G	X		X	X	X		X		E	E	X	X
BUTYRIC ACID	F	E	G	X	C	F	X	X		X		E	E	G	E
BUTYRIC ANHYDRIDE	F			G		F				X		E		X	E
CADMIUM ACETATE	G	E		X		X				X		E			E
CALCIUM ALUMINATE	E			E		E				E				E	E
CALCIUM BICHROMATE	E			F											G
CALCIUM BISULFIDE			X		G		C	E	F			E			
CALCIUM CHLORIDE	E	E	E	E	E	E	E	E	C	E		E	E	E	E
CALCIUM HYDROXIDE	E	E	E	G	E	E	E	E	E	G		E	E	E	E
CALCIUM HYPOCHLORITE	G	E	E	F	E	X	X	X	X	X		E	C	X	C

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	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE	SBR	TEFLON	UHMW	URETHANE	VITON	XLPE
CALCIUM NITRATE	E	E	E	E		E	E	E	E	E		E	E	E	E	E
CALCIUM SULFIDE	E	E	E	E		E	E	G		E		E	E	E	E	E
CALCIUM ACETATE	G	E	E	X		X	G	G		X		E	E	X	X	E
CAPRYLIC ACID	F	E		G		F				X			E			E
CARBAMIDE		E														
CARBITOL	F	E	G	X		X	G	G		X		E	E	X	G	E
CARBOLIC ACID PHENOL	E	E	G	X		X	X	X		X		E	E		E	E
CARBON DIOXIDE	E		C	E	E	E	C	X	E	E		E	E	E	G	E
CARBON DISULFIDE	X	C	X	X		X	X	X	X	X		E	E	X	E	C
CARBON MONOXIDE	E		C	E	E	E	C	E	E	G		E	E	G	E	E
CARBON TETRACHLORIDE	X	X	X	X	C	X	X	X	G	X	X	E	G	X	E	G
CARBONIC ACID	E	E	G	E	X	E	X	X	X	E	X	E		X	E	E
CASTOR OIL	E	E	G	E	G	F	E	E	E	G		E	E	G	E	E
CAUSTIC SODA (SEE SODIUM HYDROXIDE)																
CELLOSOLVE ACETATE	E		G	X		X	X	X	F	X		E	E	X	X	E
CELLUGUARD	E		G	E		E	E	E	E	E		E		X	E	
CETYLIC ACID		E														
CHINA WOOD OIL (TUNG OIL)	C		X	X		X	G	E		X				C	E	
CHLORINATED SOLVENTS	X		X	X		X	X	X	C	X		E		X	E	G
CHLORO-2-PROPANONE		X														
CHLOROACETIC ACID	F		X	X	X	X	X	X	X	X	X	C	E	X	X	E
CHLOROACETONE	G	X	E	X		X	X	X		X		E	E	X	X	E
CHLOROBENZENE	X	X	X	X	X	X	X	X	E	X	X	E	G	X	E	G
CHLOROBUTANE	F	C		X		X				X			G		E	G
CHLORODANE			E					E								
CHLOROETHYL BENZENE	X	X		X		X				X			E		G	E
CHLOROFORM	X	X	X	X	X	X	X	X	X	X	X	E	E	X	E	G
CHLOROPENTANE	X	G		X		X				X			E		E	E
CHLOROSULFONIC ACID	X	X	X	X	X	X	C	X	X	X		C	X	X	X	G
CHLOROTOLUENE	X	X	X	X		X	X	X		X		E	G	X	G	G
CHLOROX	G	E	G	G		X	G	G		X			G	X	E	
CHROME PLATING SOLUTIONS	X		G	X		X	X	X		X			E	X	E	
CHROMIC ACID	F	E	C	G	X	X	X	X	X	X	X	E	E	X	C	G
CHROMIUM TRIOXIDE		E														
CINNAMENE		C														
CIS-9-OCTADECENOIC ACID	G	E		X		X				X					C	E
CITRIC ACID	E		E	E	E	E	E	E	E	E	E	E	E	E	C	E
COAL OIL	X		X	X		X		X	E	X	X		E		E	E
COAL TAR	X		X	X		X	G	E		X			E		E	E
COAL TAR NAPTHA	X			X		X				X					E	E
COCONUT OIL	G		C	X		X	G	E		X		E	E	C	C	E
COKE OVEN GAS	X		X	X		X	X	X	E	X		C		X	E	E
COOLANOL (MONSANTO)			X	G	X	X	E	E		X				X	E	
COPPER CHLORIDE	E	G	E	E	E	F	C	C	C	E		X	E	G	E	E
COPPER CYANIDE	E		E	E		E	E	E		E		E	E	E	E	E
COPPER HYDRATE	E			G		F				G			E		F	E
COPPER HYDROXIDE	E			G		F				G					F	E
COPPER SULFATE	E	E	E	E	E	F	E	E	X	E		E	E	G	E	E
CORN OIL	E	G	C	X	G	X	C	E	G	X		G	E	G	E	E

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COTTONSEED OIL	C	G	C	X	G	X	C	C	E	X		E	E	G	E	C
CREOSOTE	X		X	X		X	C	C	X	X	X	E	E	C	E	E
CRESOLS	X	E	X	X		X	X	X	X	X	X	E	E	X	E	E
CRESYLIC ACID	X		X	X		X	X	X		X		E	E	X	E	E
CROTONALDEHYDE	E	E		X		X				X			E		X	E
CRUDE OIL	X		X	X		X	X	G	E	X		E	E		E	E
CUMENE	X	C	X	X		X	X	X		X		E	E	X	E	E
CUPRIC CARBONATE	E	E		E		F				E			E		E	E
CUPRIC HYDROXIDE		E														
CUPRIC NITRATE	E	E		E		F				E			E	G	E	E
CUPRIC SULFATE	E	E		E		F				E			E	G	E	E
CUTTING OIL	X		X	G		X	G	E		X		E		E	E	
CYCLOHEXANE	X	E	X	X	E	X	X	G	E	X	X	E	E	G	X	E
CYCLOHEXANOL	X	E	X	X		X	G	C	E	X	X	E	E		E	E
CYCLOHEXANONE	X	C	X	X		X	X	X	E	X	X	E	E	X	X	E
CYCLOPENTANE	X	G		X		X				X			E		E	E
CYCLOPENTANOL	X	E		X		X				X			E		G	E
CYCLOPENTANONE	X	G		X		X				X						E
CYCLOPENTYL ALCOHOL		E														
D-FURALDEHYDE		E														
DDT IN KEROSENE	X		X	X		X	F	E	E	X		E			E	E
DECAHYDRONAPHTHALENE		C														
DECAHYDROXYNAPHTHALENE		C														
DECALIN	X	X	X	X		X	X	X		X		E	X		E	E
DECYL ALCOHOL	E	E		E		E				E			E		G	E
DECYL ALDEHYDE	E			X		X				X			E		X	E
DECYL BUTYL PHTHALATE	E			X		X				X			E		F	E
DECYL CARBINOL		E														
DETERGENT, WATER SOLUTION	E	G	E	G		G	G	E		G		E		X	E	
DEVELOPING FLUID (PHOTO)	G		G	E		E	E	E		G					E	
DEXTRON	X		X	X		X	G	E		X				G	E	
DI(2ETHYLHEXYL) ADIPATE		C														
DI(2ETHYLHEXYL) PHTHALATE		C														
DI-ISO-BUTYLENE	X		X	X		X	X	G		X				X	E	E
DI-ISO-DECYL PHTHALATE		E														
DI-ISO-PROPANOLAMINE	E	E														
DI-ISO-PROPYL ETHER	F	E		X		X				X						E
DI-ISO-PROPYL KETONE	G	C	E	X		X	X	X		X		E		X	X	E
DI-P-MENTHA-1,8-DIENE		G														
DIACETONE ALCOHOL	E	E	X	X		X	X	X		X		E	E	X	X	C
DIACETYLMETHANE		E														
DIALLYLPHTHALATE		G														
DIAMMONIUM PHOSPHATE									E							
DIAMYL NAPHTHALENE	E			X		X				X					F	E
DIAMYLAMINE	E	E		G		F				G						
DIAMYLENE	X	G		X		X				X					E	E
DIAMYLPHENOL	X	E		X		X				X					E	E
DIBENZYL ETHER	E	C	X	X		X	X	X		X		E	E	G	X	E
DIBROMOBENZENE	X			X		X				X			G		E	E

CHEMICAL RESISTANCE CHART

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	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE SBR	TEFLON	UHMW	URETHANE	VITON	XLPE
DIBROMOMETHANE		C													
DIBUTYL ETHER	G	E	C	X		X	X	X		X		E	E	C	E
DIBUTYL PHTHALATE	C	C	C	X	E	X	X	X	E	X		E	E	X	E
DIBUTYL SEBACATE	E	G	G	X		X	X	X		X		E	E	X	E
DIBUTYLAMINE	X	E	X	X		X	X	X		X		E	E	X	
DICALCIUM PHOSPHATE	E			E		E				E				E	E
DICHLORO ETHYLENE					X				C		X			C	
DICHLOROACETIC ACID	F	G		X		G				X				X	E
DICHLOROBENZENE	X	X	X	X	X	X	X	X	E	X	X	G	E	X	G
DICHLOROBUTANE	X	C	C	C		C	C	G		X			E	X	E
DICHLORODIFLUOROMETHANE	X			X		X				X				G	
DICHLOROETHANE	X	C		X		X				X				E	E
DICHLOROETHYL ETHER	X	G		X		X				X					E
DICHLOROHEXANE	X	C		X		X				X			E	E	E
DICHLOROMETHANE	X	C		X		X				X			E	E	E
DICHLOROPENTANE	X	C		X		X				X			E	E	E
DICHLOROPROPANE	X	C		X		X				X		E	E	E	E
DICHLOROPROPENE												E	E	E	E
DICHLOROTOLUENE		X													
DIESEL OIL	X		X	C	C	X	C	E	E	X	X	E	E	C	C
DIETHANOL AMINE	E	E		F	C	G				G			E		
DIETHLBENZINE	X	C	X	X		X	X	X		X			E	X	E
DIETHYL ETHER	X	E	X	X		X	C	X	G	X		G		G	E
DIETHYL KETONE	G	C		X		F				X				X	E
DIETHYL OXALATE	E	E		X		E				E					E
DIETHYL PHTHALATE	E	G	G	X	E	X	X		E	X		E	E	F	E
DIETHYL SEBACATE	E	G	C	X	G	X	X	X		X	E			X	
DIETHYL SULFATE		E													
DIETHYLAMINE	E	E	G	C		G	C	C		G		E	E	C	C
DIETHYLENE GLYCOL	E	E	E	E		E	E	E		E			E	X	C
DIETHYLENE OXIDE		G													
DIETHYLENETRIAMINE	E	E		F		G				G			E		
DIETHYLTRIAMINE	E	E		F		G				G					
DIHYDROXY DIETHYL ETHER		E													
DIHYDROXY SUCCINIC ACID		E													
DIHYDROXYDIETHYL ETHER	E			E		E				E				E	
DIISOBUTYL KETONE	G		G	X		X	X	X		X			E	X	E
DIISODECTYL PHTHALATE	E			X		X				X			E	F	E
DIISOOCTYL ADIPATE	E			X		X				X			E	F	E
DIISOOCTYL PHTHALATE	E			X		X				X			E	F	E
DIMETHYL CARBINOL		E											E		
DIMETHYL KETONE		E											E		
DIMETHYL PHTHALATE	G	E	G	X		X	X	X		X		E	E	G	E
DIMETHYL SULFATE		E													
DIMETHYL SULFIDE		G													
DIMETHYL-3-PENTANONE		C													
DIMETHYL-4-HEPTANONE		C													
DIMETHYLAMINE		E										E	E		E
DIMETHYLANILINE	C	C	G	X			C	C		C		E	G		

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	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE SBR	TEFLON	UHMW	URETHANE	VITON	XLPE
DIMETHYLBENZENE		X										E			
DIMETHYLBUTANE		G													
DIOCTYL ADIPATE		C										E			
DIOCTYL PHTHALATE	E	C	C	X	G	X	X	C	G	X		G	E		G E
DIOXALANE	C	G	G	X		X	X	X		X		E	E	X	X E
DIOXANE	G	G	G	X		X	X	X		X		E	E	X	X
DIPENTENE	X	G	X	X		X	X	G		X		E		X	E
DIPENTYLAMINE		G													
DIPROPYLAMINEOLAMINE	E	G		G		G				G					
DIPROPYLENE GLYCOL	E	E		E		E				E				E	
DISODIUM PHOSPHATE	E	E		E		E				E		E			E
DIVINYL BENZENE	X	X		X		X				X		E		E	E
DOWELL INHIBITOR		G													
DOWFAX 2A1 SOLVENT		E													
DOWFAX 2A1 TA		E													
DOWFAX 6A1 SOLVENT		G													
DOWFAX 6A1 TA		E													
DOWTHERM, A AND E	X	C	X	X		X	X	X	C	X		E	E		E E
DRY CLEANING FLUIDS	X		X	X			X	C		X				E	
DUCGKIRIOEBAANE	X														
DURO AW16, 31			X					E	E			E			
DURO FR-HD			X					E	E			E			
ETHANOIC ACID		E										C			
ETHANOL (GRAIN ALCOHOL)	E		E	E	E	E	E	C	E	E	E	C	E	X	C E
ETHANOLAMINE	E	E	E	C		G	G	G		G		E	E		X G
ETHERS	X		C	X		X	X	X	E	X		E		G	C
ETHYL ACETATE	G	G	C	X	C	X	X	X	E	X	E	F	E	X	X E
ETHYL ACETOACETATE	G	E	G	X		X	X	X		X			E		X E
ETHYL ACETONE		G													
ETHYL ACRYLATE	G	G	G	X		X	X	X		X			E		X G
ETHYL ALCOHOL	E		E	E	E	E	E	C	E	E	E	C	E		C E
ETHYL ALDEHYDE	E					F							E		X E
ETHYL ALUMINUM DICHLORIDE	X			X		X				X					G G
ETHYL BENZENE	X	X	X	X		X	X	X		X		E	E		E E
ETHYL BROMIDE	X	C	X	X		X	X	G						C	E
ETHYL BUTYL ACETATE	G			X		X				X			E		X E
ETHYL BUTYL ALCOHOL	E			E		E				E			E		G E
ETHYL CELLULOSE	G		G	G		G	G	G	C	G		E	E	G	X E
ETHYL CHLORIDE	F		X	X	X	X	X	X	E	X	X	E	G	C	E G
ETHYL DICHLORIDE	X	C		X		X				X					G G
ETHYL DIISOBUTYLTHIO-CARBAMATE						E				E					
ETHYL ETHER	C	E	X	X		X	X	C		X		E	E	G	X E
ETHYL FORMATE	G	E	G	X		X	G	X		X		E	E		X E
ETHYL IODIDE	X	C		X		X				X			G		G G
ETHYL OXALATE	X	E	X	X		X	X	X		X		E	E	E	E E
ETHYL PHTHALATE		G											E		
ETHYL SILICATE	E	E	E	G		F	E	E		F		E	E		E E
ETHYL-N-BUTYL KETONE	G	C		X		X				X					X E
ETHYL-1-BUTANOL	E	E		E		E				E					E E

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	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE	TEFLON	UHMW	URETHANE	VITON	XLPE
ETHYLAMINE	G	E		F		F				F		E			
ETHYLENE CHLOROXYDRIN	G		C	G	X	G	C	X		G	X	E	E	X	E
ETHYLENE DIAMINE	E	G	E	F		G	E	E		G		E	G	X	E
ETHYLENE DIBROMIDE	X	C	C	X		X	X	X		X			G	X	G
ETHYLENE DICHLORIDE	X	C	X	X	X	X	X	X	E	X	X	E	G	X	G
ETHYLENE G MONOETHYL E ACETATE										E					
ETHYLENE G MONOBUTYL ETHER															E
ETHYLENE G MONOETHYL ETHER															E
ETHYLENE G MONOHEXYL ETHER															E
ETHYLENE GLYCOL	E	E	E	E	E	E	E	E	E	E	E	E	E	E	C
ETHYLENE OXIDE	C		C	X	E	X	X	X	E	X		X		X	X
FATTY ACIDS	X	G	X	X		X	C	C	E	X	X	E	E		E
FERRIC BROMIDE	E			E		E				E			E		E
FERRIC CHLORIDE	E	E	E	E	C	E	G	E	X	E		E	E	E	E
FERRIC NITRATE	E	E	E	E		E	E	E	E	E		E	E	E	E
FERRIC SULFATE	E	E	E	E		E	E	E	X	E		E	E		E
FEROUS ACETATE	G			X		X				X				X	E
FEROUS CHLORIDE	E		E	E	E	E	E	E	E	E		E	E	E	E
FEROUS SULFATE	E	E	E	E	E	E	E	G	E	E		E	E	E	E
FLUOBORIC ACID	E	E	E	E		E	C	C		G		E	C		C
FLUORINE	C		X			X	X	X	X	X	X	X	X	X	X
FLUOSILICIC ACID	E	E	E	E	C	E	C	C		C		E	C		C
FORMALDEHYDE	E	E	G	C	C	G	C	X	E	C	E	E	E	X	E
FORMALIN	E	E		E		G				G					E
FORMIC ACID	E	E	E	F	C	G	C	X	X	G	E	E	E	X	C
FREON S02			E				E		E		X	E			
FREON 113			C	E	E	C	E	E		G	X	E			G
FREON 12	X	E	X	X	G	X	G	G	E	X	X	X		G	C
FREON 22	F	E		X	X	X	X	X	X	X	X	X		X	C
FUEL A (ASTM)	X		X	X		X	G	E		X				E	G
FUEL B (ASTM)	X		X	X		X	F	E		X				E	G
FUEL OIL	X	E	X	C	X	X	G	E	E	X		E	E	X	C
FURAN	X	E	C	X		X	X	X		X					
FURFURAL	E	E	C	X		X	X	X		X	E	E	E		E
FURFURAN		E	C	X		X	X	X		X		E			
FURFURYL ALCOHOL	F	E	G	X		X	X	X	E	X	E	G	E	X	E
GALLIC ACID	G	E	G	C		E	X	C		C		E	E	X	C
GALLOTANNIC ACID		E													
GAS, COAL									E		X				
GAS, HIGH OCTANE			X		E		X	G	E		X	E	C	C	
GASOLINE	X	G	X	X	E	X	X	E	E	X		E	E	G	E
GLACIAL ACRYLIC ACID															E
GLUCONIC ACID	F	E		G		X				X			E		E
GLUCOSE	E		G	E		E	G	G	G	E		G	E	X	E
GLYCERINE	E	E	E	E	E	E	E	E	E	E	X	E		X	C
GLYCEROL	E	E	E	E		E	E	E	E	E		E		X	E
GLYCOGENIC ACID		E													
GLYCOLS	E	E	E	E	G	E	E	E	E	E	G	E	E	X	E
GLYCONIC ACID		E													

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GLYCYL ALCOHOL		E														
GREASE	X		X	X	E	X	X	E	E	X	X	E	E	E	E	G
GREEN SULFATE LIQUOR	E	G	E	E		E	G	G	C	E		E	E		E	E
HALON 1211							E	E								
HELIUM	E		E	E	G	E	E	E	E	E		G		G	E	
HEPTALDEHYDE		G														
HEPTANAL	E	G		X		X				X			E			E
HEPTANE	X	E	X	X	G	X	G	E	E	X		E	E	G	E	G
HEPTANE CARBOXYLIC ACID		E														
HEPTANOIC ACID		E														
HEPTANONE		C														
HEXADECANOIC ACID		E														
HEXALDEHYDE	G		E	C		X	E	X		X		E	E	G	X	E
HEXANE	X	G	X	X	X	X	C	C	E	X		E	G	G	E	G
HEXANOL	E	E		E		E				E					G	E
HEXENE	X	E	X	G		X	G	G		X		E			E	E
HEXYL ALCOHOL	C	E	C	C		E	G	E		E		E	E	X	G	E
HEXYL METHYL KETONE	G			X		X				X					X	E
HEXYLAMINE	E	G		F		G				G						
HEXYLENE GLYCOL	E	E		E		E				E					E	
HISTOWAX		E														
HYDRAULIC & MOTOR OIL	X	E	X	G	E	X	C	E	E	X	X	E	E	E	E	E
HYDRAZINE	E	C	X	E	G	X	G	X	E			X		X		
HYDROBROMIC ACID	E	E	E	E		E	X	X	X	X		E	G	X	C	C
HYDROCHLORIC ACID	F	E	X	X	C	E	X	X	X	X	E	E	E	E	C	E
HYDROCYANIC ACID	E	C	C	C	X	X	E	C	G		E	E	E			
HYDROFLUORIC ACID	E	E	X	E	X	X	X	X	X	X	X	E	E	X	G	C
HYDROFLUOSILICIC ACID	E	E	E	E	C	X	C		E		E	C	G		C	
HYDROGEN CHLORIDE ANHYDROUS		E														
HYDROGEN DIOXIDE (11%)		E														
HYDROGEN GAS	E	E	E	G	E	G	E	E	E	G		E	E	E	C	E
HYDROGEN PEROXIDE OVER 10%	X	E	X	X		X	X	X	X	X		E	G		E	C
HYDROGEN PEROXIDE 10%	F	E	F	F		X	F	X	X	X		E	G		E	C
HYDROGEN SULFIDE (WET)	E	G	E	X	E	X	C	X	X	X		E	E	X	X	E
YDROXY BENZENE		E														
HYDROXYISOBUTYRONITRILE		E														
HYDROXYTOLUENE		E														
HYVAR XL			E													
IMINODI-2-PROPANOL		E														
IMINODIETHANOL		E														
IODINE	C	E	C	E		C	X	C		C			G		C	C
IODINE PENTAFLUORIDE	X		X	X		X	X	X		X			C	X	X	
ODOFORM			X			X	X	E		X						
ISO-BUTANAL		G														
ISO-BUTYLAMINE		G														
ISO-BUTYLBROMIDE		C														
ISO-BUTYLCARBINOL		E														
ISO-OCTANE		E														

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ISOCYANATES														E		E
ISOOCTANE	X	G	X	X	E	X	C	E	E	X	X	E	E	E	E	E
ISOPROPYL ACETATE	G		X	X		X	X	X		X		E	E	X	X	E
ISOPROPYL ALCOHOL	E	E	E	E	E	E	C	C	E	E		E	E	X	E	E
ISOPROPYL ETHER	X		X	C		X	X	C		X		E	E	E	X	E
JET FUELS	X		X	X		X	G	E		X			E		E	E
JP-4 OIL	X		X	X	C	X	X	G	E	X	C	E		C	E	
KEROSENE	X	E	X	X	C	X	C	E	E	X	X	E	E	E	E	E
KETONES	E		E	X	C	X	X	C	E	X	X	E	E	X	X	
LACQUER SOLVENTS	X		X	X	C	X	X	X	E	X		E	G	X	X	G
LACTIC ACID-COLD	E		X	G	C	G	E	X	X	G		E	E	E	C	C
LACTIC ACID-HOT			X	C	C	X	X	X	X	X		E			E	
LARD	X	E	X	X		X	C	E		X		E	G		C	C
LAVENDER OIL	X		X	X		X	X	G		X		E	G	X	E	G
LEAD ACETATE	G	E	E	X		E	G	G		X		E	E	X	X	E
LEAD NITRATE	E	E	E	X		E	E	E		E						
LEAD SULFATE		E	E	E			E				E		E		E	E
LIME		E	G				C	X	G			G				
LIME BLEACH	E		E	G		E	G	E		G					E	
LIME SULFUR	E		E	E		X	E	X		X		E	E		E	E
LIMONENE		G														
LINOLEIC ACID	X		X	X		X	X	G		X		E			G	
LINSEED OIL	C	E	X	C	C	X	C	E	E	X		E	E	G	E	C
LIQUID PETROLEUM GAS (LPG)	X	G	X	X		X	G	E		X		E		E	E	E
LUBRICATING OILS	X	E	X	F	E	X	C	G	E	X		E		E	E	E
LYE SOLUTIONS	E	E	E	E		G	G	G		G				X	G	
M E X	G	C	E	X	C	X	X	X	E	X	X	E	E	X	X	E
MAGNESIUM ACETATE	G	E														E
MAGNESIUM CHLORIDE	G	E														E
MAGNESIUM HYDRATE	E			G		E				G			E		G	E
MAGNESIUM HYDROXIDE	E	E	E	G	C	E	G	G	X	G		E	E	G	G	E
MAGNESIUM SULFATE & SULPHITE	E	E	E	E		E	E	E	E	E		E	E		E	E
MALEIC ACID	X		X	X		X	X	X	C	X		E			E	G
MALEIC ANHYDRIDE	X		X	X		X	X	X		X					X	
MALIC ACID	X		X	G		C	C	C		C		E	E		C	C
MANGANOUS SULFATE		E														
MAPP			G				E	E		G						
MERCURY	E	E	E	E	G	E	E	E	E	E		E	E	G	E	E
MERCURY VAPORS	E		E	E		E	E	E		E					E	
MESITYL OXIDE	G	G	G	X		X	X	X		X		E	E	X		E
METHALLYL ALCOHOL	E	E		E		E				E					X	E
METHALLYL CHLORIDE		C														
METHANE CARBOXYLIC ACID		E	X				G		E			E				
METHANOIC ACID		E														
METHANOL (METHYL ALCOHOL)	E	E	E	E		E	E	E	E	E		E	E	X	E	
METHANOL (WOOD ALCOHOL)	E	E	E	E	E	E	E	E	E	E	E	E	E	E	X	E
METHOXY ETHANOL		E														
METHOXYETHOXY ETHANOL		E														
METHOXYPROPENYL BENZENE		X														

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METHYL ACETATE	G	E	E	X		X	X	X	E	X		E	E	X	X	E
METHYL ACETOACETATE	G	E	G	X		X	X	X		X				X	X	E
METHYL ACETONE	G	E		X		F				X			E		X	E
METHYL ACETYLENE PROPADIENE			G				E	E		G						
METHYL ALCOHOL	E	E	E	E		E	E	E	E	E		E	E	X	E	
METHYL ALLYL ALCOHOL		E														
METHYL ALLYL CHLORIDE	F	C		X		X				X					F	G
METHYL AMYL CARBINOL	E			E		E				E					X	E
METHYL BENZENE	X	C		X		X				X					E	E
METHYL BROMIDE	X		X	X		X	X	C	E	X	X	E	G		E	G
METHYL BUTANE		E														
METHYL BUTANE ALCOHOL		E														
METHYL BUTYL KETONE	G		E	X		X	X	X		X			E	X	X	
METHYL CARBITOL	F	E		X		X				X						E
METHYL CELLOSOLVE	E	E	G	X		X	C	C		X		E	E	X	X	
METHYL CHLORIDE	C	X	X	X	X	X	X	X	X	X	X	E		X	E	G
METHYL CYANIDE		E														
METHYL EHTYL KETONE	G	C	E	X	C	X	X	X	E	X	X	E	E	X	X	E
METHYL HEXANOL	E			E		E				E			E		F	E
METHYL METHACRYLATE	X	C	C	X		X	X	X	C	X	C	E	G		X	G
METHYL NORMAL AMYL KETONE	G			X		X				X					X	E
METHYL PROPYL ETHER	G			X		X				X						E
METHYL SALICYLATE	G		G	X		C	X	X		C		E			C	
METHYL STYRENE		C														
METHYL SULFIDE		C														
METHYL TERTIARY BUTYL ETHER	G	X					X	X		X		G	G		X	
METHYL 1-2,4-PENTANEDIOL		E														
METHYL-ISO-AMYL-KETONE		C														
METHYL-L-PROPANOL		E														
METHYL-2-BUTANOL	E	E		E		E				E					F	E
METHYL-2-BUTANONE	G	G		X		X				X					X	E
METHYL-2-HEXANONE	G	C		X		X				X					X	E
METHYL-2-PENTANOL		E														
METHYL-2-PENTANONE		C														
METHYL-2-PROPEN-L-OL		E														
METHYL-3-PENTEN-1-ONE		C														
METHYL-4-ISOPROPYL BENZENE		C														
METHYLALLYL ACETATE	G			X		X				X					X	E
METHYLYAMYL ALCOHOL	E	E		E		E				E					X	E
METHYLCYCLOHEXANE	X	G		X		X				X					G	G
METHYLENE BROMIDE		C														
METHYLENE CHLORIDE													G			
METHYLETHYL KETONE	G	C	E	X	C	X	X	X	E	X	X	E	E	X	X	E
METHYLHEXYL KETONEG	C		X		X				X						X	E
METHYLISOBUTYL CARBINOL	E	E	E	C		G	G	G		G					C	C
METHYLISOBUTYL KETONE	C	C	C	X	C	X	X	X	E	X	X	E	E	X	X	E
METHYLISOPROPYL KETONE	G	G	X	X		X	X	X	E	X		E		X	X	E
METHYLLACTONITRILE		E														
METHYLPHENOL		E														

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	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE SBR	TEFLON	UHMW	URETHANE	VITON	XLPE
METHYLPROPYL CARBINOL		E													
METHYLPROPYL KETONE	G	G		X		X				X				X	E
MINERAL OIL	X	E	X	F	E	X	C	E	E	X	X	E	E	E	E
MINERAL SPIRITS	X		X	X		X	F	E		X		E		E	E
MOBILE HFA			X					E	E		E				
MOLTEN SULFUR	G			F		X				X		X		G	X
MONO-CHLOROACETIC ACID	F	E		X		G				X				C	E
MONOBUTYL ETHER	F			X		X				X				X	E
MONOCHLOROBENZENE	X		X	X	C	X	X	X	G	X	X	E	G	X	E
MONOCHLORODIFLUOROMETHANE	F			X		X				X				X	C
MONOETHANOL AMINE	E		E	X		E	X	X		X		E	X	X	E
MONOETHYL AMINE	G			F		F				F				C	C
MONOETHYLAMINE		E									E				E
MORPHOLINE			X					X	X		E				
MOTOR OIL, 40W		E										E			
MTBE	G	X					X	X		X		G	G	X	
MURIATIC ACID	F	E	F	X		E	X	X		X		E		E	E
N-BUTANAL		G													
N-BUTYLAMINE	X	G	X	X		X	X	C		X			X	X	
N-BUTYLBENZENE	X	C		X		X				X				E	E
N-BUTYLBROMIDE	X	C		X		X				X				G	G
N-BUTYLBUTYRATE	F	C		X		X				X				X	G
N-BUTYLCARBINOL		E													
N-NONYL ALCOHOL		E													
N-OCTANE	X	E	X	X		X	G	G		X			X	E	G
N-SERV (75% XYLENE)									E		E			E	C
NA-K			X					X			X				
NAPHTHA	X	E	X		E	X	X	C	E	X	X	E	E	E	E
NAPHTHALENE	F	E	X	X	C	X	X	X	E	X	X	E	E	C	E
NAPHTHENIC ACIDS		E	X	X		X	X	G		X		E		E	
NATURAL GAS	X	X	X	X	X	X	X	X	X	X	X	X		X	X
NEOHXANE	X	G		X		X				X				E	E
NEON GAS	E		E	E		E	E	E	E	E	E	E		E	
NEU-TRI	X			X		X				X				E	E
NICKEL ACETATE	E		E	X		E	G	G		X		E	E	X	E
NICKEL CHLORIDE	E	E	E	E		E	G	E	X	E		E	E	C	E
NICKEL NITRATE	E	E	E	E		E	E			E		E		E	E
NICKEL SULFATE	E	E	E	E		E	E	E	E	E		E	E		E
NIETYLENE						E									
NITRIC ACID, CONC (16N)	C	X	X	G	C	X	X	X	X	X	X	E	E	X	G
NITRIC ACID, RED FUMING	G	X	X	X	C	X	X	X	X	X	X	E	X	X	X
NITRIC ACID, 10%	G		C	X	C	X	X	X	X	X	E	E	E	X	C
NITRIC ACID, 13N		E									E				
NITRIC ACID, 13N +5%		E									E				
NITRIC ACID, 20%	G		G	X	F	X	X	X		X		E	E		E
NITRIC ACID, 30%	F		C	X	X	X	X	X	X	X		G	E	C	E
NITRIC ACID, 30% - 70%	F		F	F		X	X	X		X		E		C	G
NITRILOTRIETHANOL		E													
NITROBENZENE	F	C	X	X	C	X	X	X	E	X	C	E	E	X	E

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	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE	SBR	TEFLON	UHMW	URETHANE	VITON	XLPE
NITROETHANE	G	E	G	G		G	C	X		G		E	E	X	X	E
NITROGEN	E	E	E	E		E	E	E	G	E		E	E	E	E	E
NITROMETHANE	G		G	C		G	C	X		C		E	E	X	X	E
NITROUS OXIDE GAS									X			E	E			
NONANOIC ACID		E														
NONANOL		E														
NUTO H			X					E	E			E				
NYVAC LIGHT			E					X	E			E				
OCTANOIC ACID		E														
OCTANOL	E	E		G		G				G			E		G	E
OCTYL ACETATE	G	C		X		X				X			E		X	E
OCTYL ALCOHOL	E	E	C	E		E	G	G		E		E	E	X	E	E
OCTYL ALDEHYDE	E	E		X		X				X					X	E
OCTYL AMINE	E	G		F		G				G					C	C
OCTYL CARBINOL	E	E		E		E				E					G	E
OCTYLENE GLYCOL	E			E		E				E					E	C
OIL-PETROLEUM	X		X	F		X	G	E		X			E		E	E
OLEIC ACID	G	E	X	X	E	X	X	C	E	X		E	E	G	G	E
OLEUM (FUMING SULFURIC ACID)	X		X	X	X	X	X	C	E	X		E	X	C	X	X
OLIVE OIL	E	G	E	F		X	E	E		X		E	G	E	E	C
ORTHO-DICHLOROBENZENE	X		X	X		X	X	X		X		G		X	E	G
ORTHO-DICHLOROBENZOL	X			X		X				X					G	G
ORTHOXYLENE	X			X		X				X					E	E
OXALIC ACID	E	E	E	X		X	X	X	X	X	E	E	E	E	C	C
OXYDIETHANOL		E														
OZONE	G	E	E	G		X	C	X	X	X		E	C	G	C	C
P-CYMENE	X	X	X	X		X	X	X		X		E	E	X	E	E
PAINT THINNER	X		X	X		X	X	X		X	X	E	E	X	G	
PALMITIC ACID	E	E	C	C	E	X	C	E	X	X	E	E	E	E	C	C
PAPERMAKERS ALUM	E		E	E		E	E	E		E			G		E	E
PARA-DICHLOROBENZENE	X		X	X		X	X	X		X				X	E	G
PARAFFIN WAX	X	E	X	X		X	G	E		X			E		E	X
PARALDEHYDE	E					F									X	E
PARAXYLENE	X			X		X				X					E	E
PCB												E			E	
PELARGONIC ALCOHOL	E	E		X		X				X						E
PENTACHLOROETHANE	X			X		X				X					E	E
PENTADIONE		G														
PENTAMETHYLENE		G														
PENTANE	X	E	X	F		X	G	E		X			G	X	E	G
PENTANOL		E														
PENTANONE	G	C		X		X				X					X	E
PENTASOL	E			E		E	E			E					E	E
PENTYL ACETATE		C														
PENTYL ALCOHOL		E														
PENTYL BROMIDE		C														
PENTYL CHLORIDE		C														
PENTYL ETHER		E														
PENTYLAMINE		G														

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	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE	SBR	TEFLON	UHMW	URETHANE	VITON	XLPE
PERCHLORIC ACID-2N	G		C	G	X	X	C	X	C	X	X	E		X	E	E
PERCHLOROETHYLENE	X	C	X	X	X	X	X	X	X	X	X	E	G	X	E	G
PERCHLOROMETHANE		C														
PETROLEUM CRUDE	X	E	X	X		X	G	E		X			E	E	E	E
PETROLEUM ETHER	X	E	X	X		X		G	E	X		E			E	E
PETROLEUM OILS	X		X	X		X	G	X	G	X		E	E		E	E
PHENBO													E	X		
PHENOL	E	E	X	X	X	X	X	X	X	X	X	E	E	X	E	E
PHENOLSULFONIC ACID	F	E		X		X				X			G		X	G
PHENYLAMINE		G														
PHENYLBROMIDE		X														
PHENYLBUTANE		C														
PHENYLCHLORIDE	X	X		X		X				X					E	E
PHENYLETHYLENE		C														
PHENYLMETHANE		C														
PHENYLMETHANOL		X														
PHENYLMETHYL ACETATE		G														
PHOSPAHTE ESTERS			E		X			X	E		E	E		X		
PHOSPHORIC ACID 10%	E	E	X	E		E	X	X	X	E		E	E		E	E
PHOSPHORIC ACID 10% - 85%	G	E	X	E		G	X	X	C	X	E	E	E	X	E	E
PHOSPHORUS TRICHLORIDE	E	X	E	X		X	X	X		X		E			E	
PICRIC ACID, H2O SOLUTION		G	X	G	C	G	C	X	X	G	X	E		X	E	
PINE OIL	X	G	X	X		X	X	X		X		E	E		E	E
PINENE	X	G	X	X		X	F	G		X		E	E	G	E	E
POLY CHLORINATED BIPHENOL												E			E	
POLYETHYLENE GLYCOL E-400	E	E		E		E				E					E	
POLYOL ESTER	X		X			X	X	G							G	
POLYPROPYLENE GLYCOL	E			E		E				E					E	
POTASSIUM ACETATE	G	E	E	X		X	G	G		X		E	E	X	X	E
POTASSIUM BISULFATE	E	E		E		E				E			E		E	E
POTASSIUM BISULFITE	E	E		E		E				E			E		E	
POTASSIUM CARBONATE	E	E	E	E		E	E		G	E			E		E	E
POTASSIUM CHLORIDE	E	E	E	E		E	E	E	E	E		E	E	E	E	E
POTASSIUM CHROMATE	E	E		F									G			G
POTASSIUM CYANIDE	E	E	E	E		E	E	E	E	E		E	E	E	E	E
POTASSIUM DICHROMATE	E	E	E	F	C	G	E	E		G		E	G	G	E	G
POTASSIUM HYDRATE	E			G		E				G					F	E
POTASSIUM HYDROXIDE	E	E	E	G	G	E	C	X	C	G		E	G	C	X	E
POTASSIUM NITRATE	E	E	E	E		E	E	E	E	E		E	E	E	E	E
POTASSIUM PERMANGANATE, 5%					X								E			
POTASSIUM SILICATE	E	E		E		E				E					E	E
POTASSIUM SULFATE	E	E	E	E		E	E	E	E	E		E	E	G	E	E
POTASSIUM SULFIDE		E											E			
POTASSIUM SULFITE	E	E	E	E		E	E			E					E	E
PRESTONE ANTIFREEZE			E				E	E							E	
PRODUCER GAS	X		X	G		X	G	E		E		E			E	
PROPANE	X	E	X	G		X	C	E	E	X		E		E	E	E
PROPANEDIOL	E	E		E		E				E					E	
PROPANETRIOL		E														

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PROPANOL	E	E		E		E				E				F	E
PROPANOLAMINE		E													
PROPANONE		E													
PROPEN-L-OL		E													
PROPENEDIAMINE		E													
PROPENENITRILE		E													
PROPENYL ALCOHOL		E													
PROPENYLANISOLE		X													
PROPIONIC ACID			E					X							E
PROPIONITRILE			X				G	E						E	
PROPYL ACETATE	G	G	G	X		X	X	X		X		E	X	X	E
PROPYL ALCOHOL	E	E	E	E		E	E	E		E		E	C	E	E
PROPYL ALDEHYDE	E					F						E		X	E
PROPYL BENZENE		C													
PROPYL CHLORIDE	F	C		X		X				X		E		G	G
PROPYL ETHER		E													
PROPYL NITRATE	G	G	G	X		X	X	X		X				X	
PROPYLENE	X	E	X	X		X	X	X		X				X	E
PROPYLENE DIAMINE	E			F		G				G					
PROPYLENE GLYCOL	E			E		E				E		E	E	E	
PYDRAUL, 'E' SERIES		G	E	X	E	X	X	X	E	X		E	E	X	E
PYDRAULIC 'C'			X		E		X	X				E		E	
QUINTOLUBRIC 822 SERIES	X		X			X	X	G						G	
RED OIL	X	E	X	G		X	G	E		X		E		G	E
REFRIGERANT 11			X				X	G						G	
REFRIGERANT 12			X				G	E						G	
REFRIGERANT 22			X				G	X						G	
RESORCINOL					X			X	X		X	E		X	
SAE NO.10 OIL				X	E		C	G	E		X	E		E	X
SAL AMMONIAC	E	E	E	E		E	E	E		E			E	E	
SEA WATER	E		E	E	E	E	G	E	E	E	E	E	E	E	E
SEWAGE	F	E	F	E		F	E	E	E	F		E	E	X	C
SILICATE ESTERS	X		X	E		X	E	G	E	X		E		E	
SILICATE OF SODA	E	E		E		E				E				E	E
SILICONE GREASE	E	E	E	E	E	E	E	E		E		E		E	
SILICONE OIL	E	E	E	E		E	E	E		E		E		E	
SILVER NITRATE	E	E	E	E		E	E	G		E		E	E	E	E
SKYDROL 500 TYPE 2			E	X			X	X				E		X	
SKYDROL 500B	G	G	E	X	E		X		E		E	E		C	X
SKYDROL 500C	G	G		X	E		X					E		X	
SKYDROL 7000 TYPE 2			E				X	X				E		G	
SOAP SOLUTIONS	E	E	E	E	E	G	G	E	E	E	E	E		C	E
SODA ASH	E	E	E	E		E	E	E	E	E		E	E	E	E
SODA LIME	E			G		E				G			E	F	E
SODA NITER	E	E		E		E				E				E	E
SODA, CAUSTIC	E			E		G				G			E	F	E
SODIUM ACETATE	G	E	E	X		X	G	G		X		E	E	E	X
SODIUM ALUMINATE	E	E		E		E				E			E	E	E
SODIUM BICARBONATE	E		E	E		E	E	E		E		E	E	E	

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SODIUM BISULFATE	F	E	E	E		F	E	E	E	F		E	E		C	E
SODIUM BISULFITE	E	E	E	E		E	E	E		E		E	E		E	C
SODIUM BORATE	E	E	E	E		E	E	E		E		E	E		E	E
SODIUM CARBONATE 10% - 15%	E	E	E	E		E	E	E		E			E		E	E
SODIUM CHLORIDE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
SODIUM CYANIDE	E	E	E	E		E	E	E	E	E		E	E		C	E
SODIUM DICHROMATE	E	E	E	F	X	C	C	C		C			E		C	G
SODIUM HYDRATE	E			G		E				G					F	E
SODIUM HYDROCHLORITE	G		G	F		X	X	X		X					G	G
SODIUM HYDROXIDE (CAUSTIC SODA)	E	E	E	G	G	E	G	X	C	G		E	E	G	G	E
SODIUM HYPOCHLORITE	G	E	G	F	E	X	X	G	X	X	E	E	E	X	E	G
SODIUM METAPHOSPHATE	E	E	E	G		E	G	E		E		E	E		E	E
SODIUM NITRATE	E	E	E	E		E	G	G	E	E		E	E	X	C	E
SODIUM PERBORATE	E		E	G		G	G	G	E	G		E	E		E	E
SODIUM PEROXIDE	E	G	E	G	C	G	G	G		G		E	E	X	E	E
SODIUM PHOSPHATE	E	E	E	E		E	G	E	E	E		G	E	E	E	E
SODIUM SILICATE	E	E	E	E		E	E	E	E	E		E	E		E	E
SODIUM SULFATE	E	E	E	E		E	E	E	E	E		E	E		E	E
SODIUM SULFIDE	E	E	E	E		E	E	E	E	E				E	E	E
SODIUM SULFITE	E	E	E	E		E	E	E		E			E	E	E	E
SODIUM THIOSULFATE	E	E	E	E		E	E	G	E	E		E	E	E	E	E
SOYBEAN OIL	E		C	G	C	X	G	E	E	X		E	E	G	E	E
STANNIC CHLORIDE	E	E	E	E		E	X	E	E	E		E	E			E
STANNIC SULFIDE	E			E		E				E						E
STANNOUS CHLORIDE	E	E	E	E	C	E	E	E		E		E	E		C	E
STANNOUS SULFIDE	E			E		E				E						E
STEAM, BELOW 350°F	G	X	E	X	C	X	X	X	X	X		E	X	X	X	X
STEARIC ACID	G	E	G	X	C	X	G	G	E	X	E	E	E	E	C	E
STODDARD SOLVENT	X	E	X	X		X	G	E		X		E	E	E	E	E
STYRENE	X	C	X	X	X	X	X	X	E	X		E	G	E	G	G
SULFAMIC ACID	E	E	E	G		G	G	G		G					C	C
SULFUR	F		F	F		X	X	X		X		E	E		G	X
SULFUR CHLORIDE	X		X	G		X	C	C	G	X		E	E		E	E
SULFUR DIOXIDE	G		G	G	C	C	X	X	X	C		E	G		C	C
SULFUR TRIOXIDE, DRY	G	X	G	X		G	X	X	X	G		E	X		E	G
SULFURIC ACID 60% (200F)		G											X			X
SULFURIC ACID, CONC. TO 98%	X	X	X	E	C	X	X	X	X	X		C	E	X	E	E
SULFURIC ACID, FUMING	X	X	X	X	X	X	X	X		X		E	X		X	X
SULFURIC ACID, 25%	E		E	X	X	G	X	X	X	X		E	E	X	F	E
SULFURIC ACID, 25% - 50%	E	E	E	X	X	G	X	X	X	X		E	E	X	G	E
SULFURIC ACID, 50% - 96%	X		X	G	X	X	X	X	X	X		E	E	X	E	E
SULFUROUS ACID, 10%	E	E	G	E	G	E	X	X		G		E	E		C	E
SULFUROUS ACID, 10% - 85%	E	E	G	E	G	E	X	X		X		E	E		C	E
SUTAN												E			F	E
T-BUTYLAMINE			G	X												
TALL OIL	X		X	X		X	G	E		X			E		E	C
TALLOW	X		X	X		X	G	E		X			E		C	C
TANNIC ACID	E	E	E	E	E	E	G	E	X	F	E	E	E	C	C	C
TAR	X		X	X		X	G	X	X	X		E	X		E	X

CHEMICAL RESISTANCE CHART

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	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE SBR	TEFLON	UHMW	URETHANE	VITON	XLPE
TAR BITUMINOUS	X		X	X		X	C	G		X		E		E	
TARTARIC ACID	E	E	G	E	C	C	G	E	X	X	E	E	E	C	C
TELONE 2															E
TERPINOL	C	E	C	X		X	X	G		X		E	G	G	E
TERTIARY BUTYL ALCOHOL	E	G	G	E		E	G	G		E		E		X	E
TERTIARY BUTYL AMINE			G	X											
TERTIARY BUTYL MERCAPTAN	X		X	X		X	X	X		X		E		E	
TETRACHLOROBENZENE	X			X		X				X				G	G
TETRACHLOROMETHANE	X	C		X		X				X				E	E
TETRACHLOROETHYLENE	X	X	X	X		X	X	X	C	X			E	X	E
TETRACHLORONAPHTHALENE	X			X		X				X				G	G
TETRAETHYLENE GYLCOL	E			E		E				E				E	
TETRAETHYLORTHOSILICATE		E			G			X							
TETRAHYDROFURAN	X	X	X	X	G	X	X		C	X	X			X	X
THF									C						C
TIN CHLORIDE	E			E		E		G		E			E		E
TITANIUM TETRACHLORIDE	X	X	X	X	C	X	X	X		X			G	X	E
TOLUENE	E	X	X	X		X	X		E	X	X	E	E	X	E
TOLUIDINE		C													
TOLUOL		C													
TRANSFORMER OIL	X	E	X	C		X	G	E		X		E	E	E	E
TRANSMISSION 'A' OIL	X	E	X	X		X	G	E	E	X		E		E	F
TRI (2-HYDROXYETHYL) AMINE		E													
TRIBUTYL PHOSPHATE	E	C	G	X		X	X	X	E	X		E	E	X	X
TRIBUTYLAMINE	E	E		F		G	G			G					
TRICHLOROACETIC ACID	G		G	X		C	X	G		G		E	E	X	C
TRICHLOROBENZENE	X	X		X		X				X				G	G
TRICHLOROETHANE	X	X	X	X		X	X	X		X		E		X	E
TRICHLOROETHYLENE	X	X	X	X	C	X	X	X	E	X		X	G	X	E
TRICHLOROMETHANE		X													
TRICHLOROTOLUENE		X													
TRICRESYL PHOSPHATE	E	E	X	X		X	X	X		X		E	E	X	G
TRIETHANOLAMINE	E	E	G	G	X	E	G	C		X		E	E	X	X
TRIETHYLAMINE	E	E		F		G				G					
TRIETHYLENE GLYCOL	E	E		E		E				E				E	
TRIHYDROXYBENZOIC ACID		E													
TRIMETHYL PENTANES (MIXED)		E													
TRIMETHYL PENTENE		E													
TRIMETHYLAMINE		E										E	E		E
TRISODIUM PHOSPHATE	E	E	E	E	E	E	E	E	E	E		E		E	E
TRITOYL PHOSPHATE		E													
TUNG OIL							G						E		
TUNG OIL (CHINA OIL)	C		X	C	C	X	G	E		X		E	E	C	E
TURPENTINEX	X	G	X	X		X	X	X	E	X	X	E	G	E	E
UDMH			E	E		E	G	G		E				X	
UNDECYL ALCOHOL		E													
UREA	E	E					E		E			E	E	E	E
URETHANE FORMULATIONS								E	E			E			
URIC ACID									E		E				

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	BUTYL	CPE	EPDM	HYPALON	HYTREL	NATURAL	NEOPRENE	NITRILE	NYLON	SANTOPRENE SBR	TEFLON	UHMW	URETHANE	VITON	XLPE
VARNISH	X		X	X	G	X	X	G	E	X		E		C	E
VEGETABLE OILS	E	E	C	X		X	C	E		X		E	E		E
VERSILUBE F44								E	E			E			
VERSILUBE F55			X					E	E			E			
VINEGAR	E	G	E	F	E	E	F	X	E	F		E	X	X	C
VINEGAR ACID		G													
VINYL ACETATE	G	E		X		X				X			E		X
VINYL BENZENE	X	C		X		X				X			E		G
VINYL CHLORIDE	X	X	X	X		X	X	X		X		E	E		E
VINYL CYANIDE		E													
VINYL ETHER	G			X		X				X			E		E
VINYL STYRENE		X													
VINYL TOLUENE	X	C		X		X				X			E		E
VINYL TRICHLORIDE	X	G		X		X				X			E		E
VITAL, 4300, 5310			X					X	E			E			
VM&P NAPHTHA	X		X	X		X	F	E		X				E	X
WATER	E	E	E	E	E	E	G	E	E	F	E	E	E	E	E
WATER, BOILING			E		G		E						X		X
WATER, SODA					E				E		E	E			
WEMCO C	X		X	X		X	G	E		X				E	E
WHISKEY	E	E	E	E		E	E	E	E	E		E	X	X	X
WHITE OIL	X		X	X		X	E	E		X		E	E	E	X
WHITE PINE OIL	X		X	X		X	X	G		X					E
WINES	E	E	E	E		E	E	E	E	E		E	X	X	X
WOOD ALCOHOL	E		E	E		E	E	E		E			E	X	E
WOOD OIL	X		X	C		X	G	E		X		E	E	C	E
XENON	E		E	E		E	E	E		E				E	E
XYLENE, XYLOL	X	X	X	X	C	X	X	X	E	X	X	E	E	C	E
XYLIDINE	X	C	G	X		C	C	C		C		E	G	X	X
ZEOLITES	E		E	E		E	E	E		E					E
ZINC ACETATE	E	E	E	E		E	E	E		X		E		X	X
ZINC CARBONATE	E			E		E				E			E		E
ZINC CHLORIDE	E	X	E	E	E	E	E	E	X	E		E	E	E	E
ZINC CHROMATE	E			F											G
ZINC SULFATE	E	X	E	E		E	E	E	E	E		E			E
4-HYDROXY-4-METHYL-2-PENTANONE		E													

