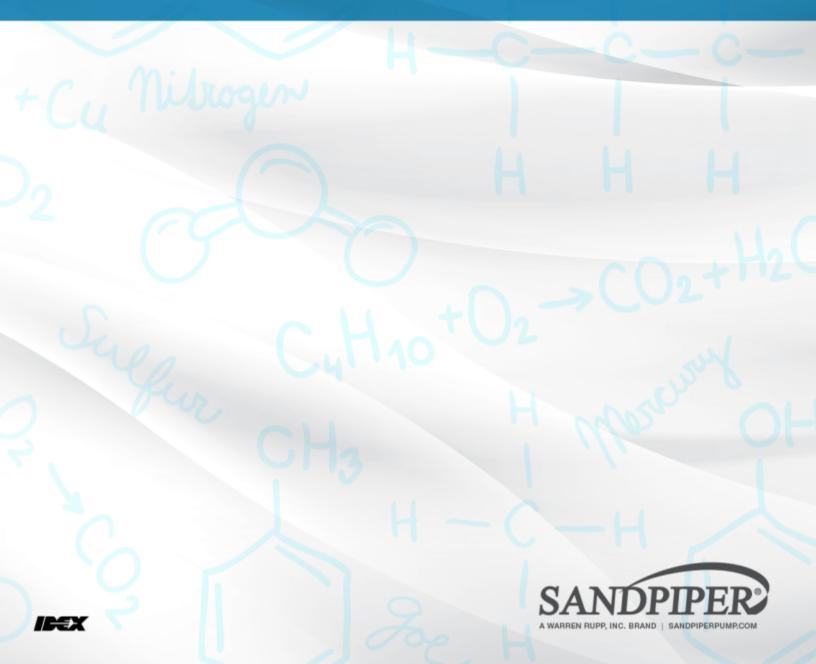
CHEMGUIDE

MATERIALS COMPATIBILITY GUIDE



				EL	AST	ОМІ	ERS				M	ETAL	PAR	TS		l	PLAS	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
1-Nitropropane CH3(CH2)2NO2	ND	С	Χ	А	ND	Χ	ND	Α	Α	ND	Α	Α	Α	Α	ND	ND	ND	ND	ND	ND
Acetaldehyde (Ethanal) CH3CHO	Х	X	X	Α	В	X	ND	Α	ND	В	А	В	А	А	С	А	A ^{150°}	В	А	В
Acetamide (Acetic Acid Amide) CH3CONH2	X	В	В	Α	ND	В	ND	Α	ND	А	А	Х	Х	А	А	ND	A ^{140°}	Α	А	ND
Acetate Solvents CH3COOR	ND	X	X	ND	ND	X	ND	Α	ND	В	А	ND	Α	ND	X	Α	Α	Α	Α	B ^{122°}
Acetic Acid — 20%	В	В	С	Α	Α	С	ND	Α	Α	В	ND	А	А	С	В	Α	В	Α	ND	A ^{122°}
Acetic Acid — 30%	Χ	В	С	Α	Α	Χ	ND	Α	Α	В	Χ	Α	А	С	В	В	В	ND	ND	A ^{122°}
Acetic Acid — 50% CH3COOH	С	С	С	А	ND	С	ND	Α	А	В	Х	А	А	С	В	В	В	ND	ND	A ^{122°}
Acetic Acid — Glacial CH3COOH	Х	Х	С	В	А	Х	ND	А	А	В	В	Х	А	А	С	В	A ^{120°}	Х	А	В
Acetic Anhydride (Acetic Oxide) (CH3CO)2O	Х	В	С	В	С	X	А	Α	Α	А	В	90%B ^{212°}	А	А	Х	Х	B ^{70°}	Α	А	Α
Acetone (Dimethylketone) CH3COCH3	Х	Х	Х	А	С	Х	А	Α	А	В	В	А	А	А	Х	B ^{120°}	Х	В	ND	A ^{122°}
Acetone Cyanohydrin (CH3)2C(OH)CN	Х	В	Х	Х	ND	Х	ND	Α	ND	Α	В	В	В	ND	ND	ND	ND	ND	ND	ND
Acetonitrile (Methyl Cyanide) CH3CN	ND	А	С	Α	ND	X	ND	Α	ND	А	А	А	А	B ^{100°}	ND	А	Α	Α	ND	ND
Acetophenone (Phenyl Methyl Ketone) C6H5COCH3	Х	X	X	Α	ND	X	ND	Α	ND	В	В	А	А	В	A ^{70°}	ND	Α	Α	Α	ND
Acetyl Acetone (2,4- Pentanedione) CH3COCH2COCH3	В	Х	Х	Α	ND	Х	ND	Α	ND	В	X	В	В	ND	ND	ND	ND	ND	ND	ND
Acetyl Chloride CH3COCI	ND	Х	Х	С	Х	В	ND	Α	ND	В	Х	А	В	А	Х	ND	Α	Х	А	ND
Acetyl Salicylic Acid (Aspirin) (CH3OCO) • C6H4COOH	ND	Х	ND	В	ND	ND	ND	Α	ND	А	Х	В	В	ND	ND	ND	ND	ND	ND	A ^{140°}
Acetylene (Ethyne) HC ° CH	ND	С	А	А	А	А	А	Α	А	С	Α	А	Α	Α	Х	А	А	В	А	ND
Acetylene Tetrabromide (Tetra Bromoethane) (CHBr2)2	ND	X	X	ND	ND	А	ND	Α	ND	Х	Х	А	ND	ND	ND	ND	ND	ND	ND	ND
Acrolein (Acrylaldehyde) H2C = CHCHO	ND	ND	В	ND	ND	А	ND	Α	ND	Α	В	В	В	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile (Vinyl Cyanide) CH2=CHCN	ND	Х	Х	Х	ND	Х	ND	Α	А	В	С	А	Α	А	В	ND	А	Α	ND	ND
Adipic Acid (1,4- Butanedicarboxylic Acid)	ND	Х	В	ND	ND	А	ND	Α	ND	В	В	В	В	А	А	ND	Α	Α	ND	A ^{140°}
Data lir	nited t	o % cc	ncent	ration	and/or	tempe	rature	°F sh	own. W	/here no	ot shown	tempera	ature is 7	70°F (21°	C) Am	bient				

				EL	AST	OMI	ERS				M	ETAL	PAR	TS			PLA:	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Alkazene® (Chlorethyl or Polyisopropyl benzenes)	ND	Х	Х	ND	ND	Α	ND	Α	ND	Х	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Allyl Alcohol (2-Propen-1-ol) CH2CHCH2OH	ND	Α	Α	Α	ND	В	ND	Α	ND	В	Α	А	А	ND	ND	ND	Α	ND	ND	А
Allyl Bromide (3- Bromopropene) H2C=CHCH2Br	ND	Х	Х	Х	ND	В	ND	Α	ND	ND	X	А	ND	ND	ND	ND	ND	ND	ND	ND
Allyl Chloride (3- Chloropropene) CH2=CHCH2Cl	ND	Х	Х	Х	ND	В	ND	Α	ND	ND	Х	С	В	ND	A ^{70°}	ND	А	ND	ND	В
Almond Oil (Artificial) (Alum) (Aluminum Potassium)	Х	Χ	Χ	В	ND	Х	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aluminum Acetate (Burow's Solution)	ND	С	С	Α	ND	Х	ND	Α	ND	Α	ND	В	С	Α	А	A ^{100°}	ND	Α	ND	A ^{140°}
Aluminum Bromide AlBr3	ND	Α	Α	ND	ND	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	Α	ND	ND	ND
Aluminum Chloride AICl3	В	Α	Α	Α	В	Α	Α	Α	А	^{20%} A	Х	С	В	^{25%} A	А	В	А	В	А	ND
Aluminum Fluoride AIF3	ND	Α	Α	В	ND	Α	Х	Α	Α	Α	^{50%} A	С	С	^{20%} A	А	Х	Α	Α	Α	A ^{140°}
Aluminum Hydroxide (Alumina Trihydrate) Al(OH)3	ND	А	В	А	ND	С	ND	Α	Α	А	10%B	^{30%} B	В	^{10%} B	А	ND	А	А	ND	A ^{140°}
Aluminum Nitrate Al(NO3)3 • 9H2O	ND	Α	Α	Α	ND	Α	ND	Α	А	А	Х	ND	^{0%} A	0%B	А	ND	А	В	ND	A ^{140°}
Aluminum Phosphate AIPO4	ND	Α	Α	Α	ND	Α	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aluminum Potassium Sulfate (Potash Alum) KAI(SO4)2	ND	Α	Α	Α	ND	Α	ND	Α	ND	А	^{10%} A	Х	А	В	А	А	А	х	ND	A ^{140°}
Aluminum Sodium Sulfate (Soda Alum) NaAl(SO4)2	А	Α	Α	А	ND	А	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aluminum Sulfate (Cake Alum) Al2(SO4)3	А	Α	Α	Α	В	А	А	Α	Α	А	^{30%} B	Х	50%A ^{167°}	90%A ^{212°}	A	В	А	А	А	A ^{120°}
Amines R-NH2	ND	В	Х	ND	A ^{70°}	Х	ND	ND	ND	Α	Α	ND	А	ND	В	С	ND	Α	Α	ND
Ammonia Anhydrous, Liquid NH3	X	В	В	Α	Х	Х	ND	Α	ND	Α	А	Α	А	Α	Α	Х	Α	Α	А	А
Ammonia Gas — Cold	ND	Α	Α	ND	ND	Α	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	Α
Ammonia Gas — Hot	ND	В	С	ND	ND	Χ	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	A ^{140°}
Ammonia Liquors	ND	Α	ND	ND	ND	Χ	ND	Α	ND	Α	А	А	А	ND	ND	ND	ND	ND	ND	ND
Ammonium Acetate CH3CO2NH4	ND	Α	ND	ND	ND	Α	ND	Α	ND	А	^{50%} B	^{50%} A	ND	ND	ND	ND	ND	ND	ND	Α
Ammonium Bicarbonate NH4HCO3	ND	Α	Α	Α	ND	Α	ND	Α	ND	В	В	^{90%} B	ND	ND	ND	ND	ND	ND	ND	A ^{140°}
Data lin											ot shown					bient.				

ı				EL	AST	OM	RS				M	ETAL	PAR	TS			PLA:	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Ammonium Bifluoride — 10% NH4HF2	ND	X	В	ND	ND	ND	ND	А	ND	Α	С	Х	В	В	А	ND	А	ND	ND	ND
Ammonium Carbonate (NH4)2CO3	ND	В	Χ	Α	ND	Α	ND	Α	ND	Α	В	В	^{70%} B ^{212°}	^{70%} B ^{212°}	Α	ND	Α	Α	Α	Α
Ammonium Casenite	ND	Α	ND	ND	ND	ND	ND	ND	ND	Α	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND
Ammonium Chloride (Sal Ammoniac) NH4Cl	А	А	Α	А	Α	А	Α	Α	Α	Α	Х	Х	В	А	А	Х	А	В	А	A ^{140°}
Ammonium Cupric Sulfate (NH4)2Cu(SO4)2	ND	ND	Α	ND	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ammonium Dichromate (NH4)2Cr2O7	ND	Α	Α	Α	ND	ND	ND	Α	ND	Α	А	^{30%} A	ND	ND	ND	ND	ND	ND	ND	ND
Ammonium Fluoride NH4F	ND	В	В	ND	ND	^{20%} A	ND	А	ND	ND	^{10%} B	^{20%} B	В	^{40%} A	В	ND	Α	Α	ND	A ^{140°}
Ammonium Hydroxide (Aqua Ammonia) NH4OH	Α	В	В	Α	ND	В	Α	A	Α	А	^{30%} A	^{30%} B	^{50%} A	^{80%} A	А	В	А	С	А	A ^{140°}
Ammonium Metaphosphate	ND	Α	Α	Α	ND	Α	ND	Α	ND	ND	^{90%} B	В	В	А	Α	ND	Α	ND	ND	A ^{140°}
Ammonium Nitrate NH4NO3	ND	В	Α	Α	В	Α	Α	А	ND	А	В	В	А	А	А	В	Α	С	ND	A ^{140°}
Ammonium Nitrite NH4NO2	ND	Α	Α	ND	ND	ND	ND	А	А	А	ND	ND	ND	ND	^{70%} A	ND	А	ND	ND	ND
Ammonium Oxalate (NH4OOC)2	ND	Α	Α	ND	ND	ND	ND	ND	ND	Α	ND	ND	А	А	ND	ND	ND	ND	ND	A ^{140°}
Ammonium Persulfate (NH4)2S2O8	Х	Α	С	В	ND	Α	ND	Α	ND	Α	С	Х	А	ND	Α	ND	Α	Х	ND	A ^{140°}
Ammonium Phosphate, Monobasic (NH4)H2PO4	ND	Α	Α	Α	В	Α	Α	Α	Α	А	Х	Х	В	^{5%} A	Α	ND	Α	ND	ND	A ^{140°}
Ammonium Phosphate, Di-Basic (NH4)2HPO4	ND	Α	Α	ND	ND	Α	Α	Α	Α	Α	В	ND	А	А	Α	В	Α	С	Α	ND
Ammonium Phosphate, Tri-Basic (NH4)3PO4•3H2O	ND	Α	Α	ND	ND	Α	Α	Α	Α	А	Х	ND	В	В	А	ND	Α	ND	ND	ND
Ammonium Sulfate (NH4)2SO4	Α	Α	Α	Α	С	Α	Α	Α	Α	Α	Х	В	80%A ^{212°}	^{40%} B	Α	В	Α	В	Α	A ^{120°}
Ammonium Sulfide (NH4)2S	ND	Α	Α	ND	ND	Α	ND	Α	ND	ND	В	ND	В	^{10%} A	ND	ND	ND	ND	ND	A ^{140°}
Ammonium Sulfite (NH4)2SO3•H2O	ND	ND	Α	ND	ND	Α	ND	Α	ND	ND	С	Х	В	A ^{212°}	Α	Х	ND	Α	ND	ND
Ammonium Thiocyanate NH4SCN	ND	Α	Α	Α	ND	Α	ND	Α	ND	ND	С	С	^{50%} A	^{50%} A	ND	ND	ND	ND	ND	A ^{140°}
Ammonium Thiosulfate (NH4)2S2O3	ND	Α	Α	Α	ND	Α	ND	Α	ND	Α	^{40%} A	Х	^{10%} A	ND	ND	ND	ND	ND	ND	ND
Amyl Acetate (Banana Oil) CH3CO2C5H11	Х	Χ	Х	Α	С	Х	Α	Α	А	В	А	В	А	В	Х	Х	A ^{120°}	С	Α	В

				EL	AST	ОМІ	ERS				M	ΞΤΆL	PAR	TS			PLA	SIIC	55	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Amyl Alcohol (Pentyl Alcohol) C5H11OH	Х	А	В	Α	А	А	А	Α	А	Α	А	С	А	А	В	А	А	А	А	A ^{140°}
Amyl Borate C5H11BO3	ND	В	Α	ND	ND	Α	ND	А	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amyl Chloride (Chloropentane) CH3(CH2)4CI	ND	Х	Х	Х	ND	А	ND	Α	ND	С	Х	А	А	В	Х	А	А	С	ND	С
Amyl Chloronaphthalene	ND	Х	В	ND	ND	Α	ND	Α	ND	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amyl Naphthalene C15H18	ND	Х	Х	Х	ND	Α	ND	А	ND	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Amyl Phenol C6H4(OH)C5H11	ND	ND	Х	ND	ND	А	ND	Α	ND	ND	Α	А	А	А	ND	ND	ND	ND	ND	ND
Aniline (Aniline Oil) (Amino Benzene) C6H5NH2	Х	X	Х	С	Х	В	А	Α	А	В	В	А	А	В	А	А	А	А	А	B ^{122°}
Aniline Dyes	Χ	С	С	С	ND	В	Α	Α	Α	В	В	С	В	ND	ND	ND	ND	ND	ND	ND
Aniline Hydrochloride C6H5NH2•HCI	ND	Х	С	ND	ND	В	ND	Α	ND	А	Х	Х	Х	ND	Х	ND	Α	Х	ND	C ^{140°}
Animal Fats & Oils	Α	С	Α	В	В	Α	ND	Α	ND	С	Α	Х	Α	Α	ND	ND	Α	ND	ND	ND
Animal Gelatin	Α	Α	Α	Α	ND	Α	ND	Α	ND	ND	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND
Anisole (Methylphenyl Ether) C6H5OCH3	ND	Х	ND	ND	ND	Х	ND	Α	ND	ND	В	В	В	В	ND	ND	ND	ND	ND	C ^{140°}
Ansul Ether	ND	Χ	С	ND	ND	Χ	ND	Α	ND	Χ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthraquinone C14H8O2	ND	ND	ND	ND	ND	ND	ND	А	ND	ND	В	В	В	А	ND	ND	ND	ND	ND	ND
Anti-Freeze (Alcohol Base)	Χ	Α	Α	Α	ND	Α	ND	Α	ND	ND	Α	Α	Α	Α	ND	ND	ND	ND	ND	ND
Anti-Freeze (Glycol Base) (Prestone® Etc.)	В	В	Α	Α	ND	Α	ND	Α	ND	Α	А	Α	А	А	ND	ND	ND	ND	ND	ND
Antimony Pentachloride SbCl5	ND	ND	Χ	ND	ND	ND	ND	А	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	A ^{140°}
Antimony Trichloride SbCl3	ND	ND	В	Α	ND	Α	ND	А	ND	ND	В	А	А	В	А	ND	Α	Х	ND	А
Aqua Regia (Nitric & Hydrochloric Acid)	Х	Х	Χ	Х	ND	В	Х	Α	А	Х	Х	Х	Х	С	С	Х	Α	Х	Х	В
Aroclor® PCB mixtures	ND	Х	С	Х	ND	Α	ND	А	ND	ND	Α	В	А	^{90%} A	Х	ND	ND	Α	ND	ND
Aromatic Hydrocarbons C6H5R	ND	Х	Χ	ND	С	Α	ND	А	ND	С	Α	А	А	ND	ND	ND	ND	ND	ND	ND
Aromatic Solvents (Benzene Etc.)	Х	Х	С	Х	ND	В	ND	А	ND	ND	А	В	А	В	ND	ND	ND	ND	ND	ND
Arsenic Acid AsH3O4	Х	Α	В	Α	ND	Α	ND	А	ND	А	А	Х	В	В	А	ND	Α	Х	А	ND

					AST	ОМІ	ERS				M	ETAL	PAR	ΓS			'LA	STIC	5	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Arsenic Trichloride (Arsenic Butter) AsCl3	ND	Α	С	Х	ND	X	ND	Α	ND	В	В	В	Х	В	ND	ND	ND	ND	ND	A ^{140°}
Ascorbic Acid C6H8O6	ND	ND	ND	ND	ND	А	ND	А	ND	ND	А	Х	А	ND	ND	ND	ND	ND	ND	ND
Askarel® (Pyranol®) PCB mixtures	Х	Х	В	Х	ND	С	ND	Α	ND	Х	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND
Asphalt Hydrocarbons	В	С	В	Х	В	Α	Α	А	А	В	Α	В	А	ND	А	В	А	Α	ND	ND
Asphalt Topping Hydrocarbons	ND	Α	С	ND	В	С	ND	Α	ND	ND	ND	А	А	ND	ND	ND	ND	ND	ND	ND
ASTM — Ref #1 Oil (High Aniline) (Hydrocarbons)	Α	В	Α	Х	Α	Α	ND	Α	ND	Α	А	А	А	А	ND	ND	ND	ND	ND	ND
ASTM — Ref #2 Oil (Medium Aniline) (Hydrocarbons)	В	В	Α	Х	А	А	ND	Α	ND	А	А	А	А	А	ND	ND	ND	ND	ND	ND
ASTM — Ref #3 Oil (Low Aniline) (Hydrocarbons)	В	С	Α	Х	Α	Α	ND	А	ND	В	А	А	А	А	ND	ND	ND	ND	ND	ND
ASTM — Ref #4 Oil (High Aniline) (Hydrocarbons)	Χ	Х	В	Х	ND	Α	ND	А	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
ASTM — Ref Motor Fuel (A) (Aliphatic) (Hydrocarbons)	Α	В	Α	Х	А	Α	ND	А	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
ASTM — Ref Motor Fuel (B) (30% Aromatic) Hydrocarbons	В	Х	Α	Х	А	А	ND	А	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
ASTM — Ref Motor Fuel (C) (50% Aromatic) (Hydrocarbons)	Х	Х	В	Х	С	А	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Aviation Gasoline Hydrocarbons	ND	С	Α	Х	ND	Α	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Barbeque Sauce Water, oils, spices	ND	Α	Α	ND	ND	ND	ND	А	ND	ND	ND	Х	А	ND	ND	ND	ND	ND	ND	ND
Barium Carbonate BaCO3	ND	Α	Α	Α	ND	Α	ND	А	ND	Α	Х	В	В	В	А	ND	А	Α	Α	A ^{140°}
Barium Chloride Dihydrate BaCl2 • 2H2O	Α	Α	Α	Α	ND	А	Α	А	А	ND	50%B	В	B ^{212°}	В	ND	А	А	Α	В	Α
Barium Cyanide Ba(CN)2	ND	Α	С	ND	Х	А	ND	ND	ND	Α	ND	ND	А	ND	Х	ND	ND	Α	ND	ND
Barium Hydroxide (Barium Hydrate) Ba(OH)2	А	Α	Α	Α	В	А	А	Α	Α	А	Х	В	^{50%} A ^{122°}	В	А	ND	А	А	А	A ^{140°}
Barium Nitrate Ba(NO3)2	ND	Α	Α	ND	ND	ND	ND	А	ND	Α	В	А	А	Α	А	В	Α	Α	ND	ND
Barium Sulfate (Blanc Fixe) BaSO4	Α	Α	Α	Α	Х	Α	ND	А	ND	Α	В	В	В	ND	А	В	А	Α	Α	Α
Barium Sulfide BaS	Α	А	А	А	ND	Α	А	А	А	А	Х	ND	В	А	А	ND	А	Α	А	A ^{120°}
Data lin											ot shown		ature is 7			bient.				

				EL	AST	OMI	ERS				M	ETAL	PAR	TS			PLA:	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Beef Extract	ND	Α	Α	ND	ND	Α	ND	Α	ND	ND	ND	Х	Α	ND	ND	ND	ND	ND	ND	ND
Beer Water, carbonate	Х	Α	С	Α	В	Α	Α	Α	Α	Α	Α	Х	Α	Α	A ^{75°}	Α	A ^{175°}	Α	Α	A ^{140°}
Beet Sugar Liquors (Sucrose)	Х	Α	Α	Α	ND	Α	А	Α	ND	Α	Α	В	А	ND	А	В	А	А	ND	ND
Benzaldehyde C6H5CHO	Х	Х	Х	В	В	Х	ND	Α	Α	В	А	А	А	А	Х	ND	А	Х	Α	С
Benzene (Benzol) C6H6	Х	Х	Х	Х	C ^{70°}	В	Α	Α	Α	С	В	В	A ^{167°}	В	Х	Α	В	Α	Α	С
Benzene Sulfonic Acid C6H5SO3H	ND	Α	С	С	ND	Α	ND	Α	ND	ND	С	А	Α	^{90%} A	Х	ND	B ^{100°}	Х	А	А
Benzoic Acid (Benzene Carboxylic Acid) C6H5COOH	ND	В	Х	В	ND	Α	ND	Α	ND	ND	В	Х	В	^{70%} A	Х	В	А	Х	А	A ^{140°}
Benzoyl Chloride C6H5COCI	Х	Х	Х	Х	ND	В	ND	Α	Α	ND	Х	А	В	В	ND	ND	А	ND	ND	ND
Benzyl Acetate CH3CO2 • H2C6H5	ND	ND	Х	ND	ND	Х	ND	Α	ND	ND	А	А	А	В	ND	ND	ND	ND	ND	ND
Benzyl Alcohol C6H5CH2OH	Х	Х	Х	С	X	Α	ND	А	А	ND	А	А	А	В	А	ND	Α	Х	А	A ^{170°}
Benzyl Benzoate C6H5CO2CH2C6H5	ND	Х	Х	В	ND	Α	ND	Α	ND	С	Α	В	В	В	ND	ND	ND	ND	ND	ND
Benzyl Chloride (Chlorotoluene) C6H5CH2Cl	Х	Х	Х	Х	ND	Α	ND	А	ND	С	Х	А	В	А	Х	А	А	А	А	ND
Benzyl Dichloride (Benzal Chloride) C6H5CHCl2	ND	ND	Х	ND	ND	ND	ND	Α	ND	ND	Х	В	А	В	ND	ND	ND	ND	ND	ND
Biphenyl (Diphenyl) C6H5C6H5	ND	Х	Х	Х	ND	Α	ND	Α	ND	ND	А	А	ND	ND	ND	ND	ND	ND	ND	ND
Bismuth Subcarbonate (Bismuth Carbonate) (BiO)2CO3	ND	Α	Α	А	ND	Α	ND	А	ND	ND	ND	ND	^{10%} B	ND	ND	ND	ND	ND	ND	A ^{140°}
Black Sulfate Liquor	Χ	Α	В	Α	В	Α	Α	Α	Α	ND	С	В	Α	В	ND	ND	ND	ND	ND	A ^{140°}
Blast Furnace Gas CO,H2,CH4,CO2,N2	ND	Α	С	ND	В	Α	ND	А	А	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bleach Solutions Water, chlorine, oxygen	ND	Х	Х	Α	С	В	ND	Α	Α	В	Х	ND	В	A ^{125°}	Х	ND	ND	ND	ND	A ^{140°}
Blood	Χ	A ^{70°}	AC ^{70°}	A ^{70°}	ND	A ^{70°}	ND	A ^{200°}	ND	ND	ND	Х	A ^{70°}	ND	A ^{70°}	ND	Α	ND	ND	ND
Borax (Sodium Borate) B4Na2O7	Α	Α	В	Α	Α	Α	А	А	А	Α	В	В	А	А	Α	В	А	Α	А	A ^{140°}
Bordeaux Mixture Copper sulfate salts	ND	Α	Α	Α	В	В	ND	А	ND	Α	ND	ND	А	А	ND	ND	ND	ND	ND	ND
Boric Acid (Boracic Acid) H3BO3	Α	Α	Α	Α	Α	Α	А	Α	А	Α	Α	Х	^{30%} A	80%A ^{167°}	А	С	А	В	А	A ^{120°}

				EL	AST	OMI	ERS				M	ETAL	PAR	TS			PLA:	STIC	55	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Brake Fluid (Non-Petroleum Base) Silicones or glycols	ND	Α	Х	Α	ND	ND	ND	Α	ND	А	А	А	А	А	Х	ND	ND	В	ND	ND
Brewery Slop	ND	Α	Α	ND	ND	Α	ND	Α	ND	Α	ND	Α	Α	ND	ND	ND	ND	ND	ND	ND
Brine (Sodium Chloride) Salt water	Α	В	Α	Α	В	Α	ND	Α	Α	ND	ND	Х	А	А	Α	ND	Α	ND	ND	A ^{140°}
Bromine — Anhydrous Br2	Х	Х	Х	С	Х	Α	Х	Α	ND	С	В	С	Х	А	Х	ND	A ^{150°}	ND	ND	Х
Bromine Trifluoride BrF3	Х	Х	Х	Х	ND	Х	Х	Α	С	С	А	ND	В	ND	Х	ND	ND	ND	ND	ND
Bromine Water	ND	В	Χ	Χ	ND	В	ND	Α	ND	В	Х	Х	Х	Α	Х	ND	Α	ND	ND	С
Bromobenzene C6H5Br	Х	Х	Х	Х	ND	В	ND	Α	ND	Х	Х	В	А	В	Х	ND	ND	ND	ND	ND
Bromochloromethane BrCH2Cl	ND	Х	Χ	В	ND	С	ND	Α	ND	ND	Х	В	В	В	ND	ND	ND	ND	ND	ND
Bromotoluene C6H4BrCH3	ND	ND	Χ	ND	ND	В	ND	Α	ND	ND	Х	А	А	А	ND	ND	ND	ND	ND	ND
Bronzing Liquid	Χ	Χ	Χ	В	ND	Χ	ND	Α	ND	Α	ND	ND	Α	Α	ND	ND	ND	ND	ND	ND
Bunker Oil (Fuel) #5, #6 & C Hydrocarbons	С	В	Α	Х	ND	Α	ND	Α	ND	В	А	А	А	А	ND	ND	ND	ND	ND	ND
Butadiene C4H6	Χ	С	Χ	С	ND	С	ND	Α	А	С	А	А	А	ND	Х	ND	Α	Α	Α	С
Butane (LPG) (Butyl Hydride) C4H10	В	В	А	Х	Α	Α	Α	Α	Α	С	А	А	А	А	х	В	А	А	А	A ^{140°}
Butter Fats	Α	С	Α	Α	В	Α	ND	Α	ND	В	Α	Х	Α	ND	ND	ND	ND	ND	ND	A ^{140°}
Buttermilk Fats, water	ND	Α	Α	ND	ND	Α	ND	ND	ND	Α	А	ND	А	ND	А	ND	Α	В	ND	ND
Butyl Acetate CH3CO2(CH2)3CH3	С	Х	Х	В	С	Х	Α	Α	А	В	А	А	А	А	Х	В	A ^{100°}	Α	Α	В
Butyl Acetyl Ricinoleate C24H44O5	ND	Х	С	С	ND	В	ND	Α	ND	В	ND	ND	ND	А	ND	ND	ND	ND	ND	ND
Butyl Acrylate CH2CHCO2C4H9	ND	Χ	Χ	Х	ND	Х	ND	Α	ND	С	ND	ND	ND	ND	ND	ND	С	ND	ND	ND
Butyl Alcohol (Butanol) CH3(CH2)3OH	Х	Α	Α	С	В	Α	Α	Α	А	Α	А	ND	А	А	В	Α	Α	В	А	A ^{150°}
Butyl Amine (Aminobutane) CH3(CH2)2CH2NH2	Х	Х	В	Х	ND	Х	ND	Α	А	Α	Α	А	А	ND	Х	С	B ^{70°}	А	А	ND
Butyl Benzoate C6H5COO • (CH2)3CH3	ND	Х	ND	В	ND	Α	ND	Α	ND	С	В	В	В	В	ND	ND	ND	ND	ND	ND
Butyl Bromide CH3(CH2)2CH2Br	ND	ND	Х	ND	ND	В	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	Α	ND	ND	ND
Butyl Butyrate CH3(CH2)2 • CH2CO2C4H9	ND	ND	Х	ND	ND	Х	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND

				EL	AST	ОМІ	ERS				M	ETAL	PAR	TS			PLA:	511C	, S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Butyl Carbitol® CH3(CH2)3OCH2 CH2OCH2CH2OH	ND	В	В	В	ND	А	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl Cellosolve® HOCH2CH2OC4H9	ND	С	В	ND	ND	С	ND	А	ND	Α	ND	ND	ND	ND	ND	ND	В	ND	ND	ND
Butyl Chloride (Chlorobutane) CH3(CH2)3CL	ND	ND	Х	ND	ND	А	ND	А	ND	ND	Х	В	В	В	Х	ND	А	А	ND	ND
Butyl Ether (Dibutyl Ether) (CH3(CH2)3)2O	ND	В	Α	ND	ND	С	ND	Α	ND	ND	А	В	А	А	Х	ND	A ^{100°}	Α	Α	ND
Butyl Oleate C22H42O2	ND	Х	ND	С	ND	А	ND	Α	ND	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl Stearate CH3(CH2)16 CO2(CH2)3CH3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylene (Butene) C4H8	Х	Χ	В	Х	ND	В	ND	А	ND	Х	А	ND	А	ND	Х	ND	Α	В	Α	ND
Butyraldehyde CH3(CH2)2CHO	С	Х	Х	С	ND	Х	ND	А	ND	С	А	А	А	А	ND	ND	ND	ND	ND	С
Butyric Acid CH3(CH2)2CO2H	ND	Х	С	С	В	С	ND	А	ND	Α	А	Х	В	Α	А	Х	Α	С	А	В
Butyronitrile CH3CH2CH2CN	ND	Х	Х	Α	ND	ND	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium Acetate Hydrate Ca(CH3COO)2 • H2O	ND	Сс	В	Α	ND	Х	ND	Α	ND	ND	С	С	В	В	ND	ND	ND	ND	ND	ND
Calcium Bisulfite Ca(HSO3)2	Α	Α	Α	Х	Х	А	Α	А	А	ND	Х	Х	^{90%} A	А	ND	А	Х	Α	В	Α
Calcium Carbonate (Chalk) CaCO3	ND	Α	Α	Α	ND	А	ND	Α	ND	Α	С	В	В	В	А	А	Α	Α	ND	Α
Calcium Chlorate Ca(ClO3)2	ND	Α	Α	Α	ND	А	ND	А	ND	ND	^{30%} B	В	⁰ %B	^{70%} B	А	ND	Α	ND	ND	A ^{140°}
Calcium Chloride (Brine) CaCl2 • 6H2O	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	А	А	А	А	А	Х	Α	В	Α	A ^{140°}
Calcium Hydrosulfide (Calcium Sulfhydrate) Ca(HS)2 • 6H2O	ND	ND	А	ND	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	A ^{140°}
Calcium Hydroxide (Slaked Lime) Ca(OH)2	А	Α	Α	А	В	А	Α	Α	А	А	X	В	50%B	^{50%} A	А	Х	А	В	ND	ND
Calcium Hypochlorite 20% (Calcium Oxichloride) Ca(CIO)2	Х	Х	С	В	^{5%} A	В	Α	Α	Α	А	X	Х	В	B ^{125°}	А	А	А	А	А	A ^{120°}
Calcium Nitrate Ca(NO3)2	Α	Α	Α	Α	ND	А	ND	А	Α	Α	^{40%} B ^{212°}	^{30%} B ^{212°}	50%B ^{212°}	^{10%} B	А	Х	Α	Α	Α	A ^{140°}
Calcium Oxide (Unslaked Lime) • CaO	ND	Α	Α	Α	В	ND	ND	А	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	A ^{140°}
Calcium Silicate Ca2SiO4	ND	ND	Α	ND	ND	А	ND	А	ND	ND	Α	В	А	Α	ND	ND	ND	ND	ND	ND
Data lin										/here no			ature is 7			bient.				

				EL	AST	ОМІ	ERS				M	ETAL	PAR	TS			PLA:	SIIC	5	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Calcium Sulfate (Gypsum) CaSO4	В	Α	Α	Α	ND	Α	ND	А	ND	ND	А	С	^{10%} B	^{10%} A	А	А	Х	Α	Х	A ^{140°}
Calcium Sulfide CaS	Α	В	Α	Α	ND	А	ND	А	ND	Α	^{20%} A	В	В	А	A ^{120°}	ND	Α	ND	ND	ND
Calcium Sulfite CaSO3 • 2H2O	ND	ND	Α	ND	ND	А	ND	А	ND	ND	^{10%} B	В	^{10%} A	ND	ND	ND	ND	ND	ND	ND
Calgon® (NaPO3)6	ND	Α	Α	ND	ND	Α	ND	ND	ND	Α	ND	Х	А	ND	А	ND	ND	ND	ND	ND
Cane Juice, Sucrose, water	ND	Α	Α	ND	ND	ND	ND	ND	ND	Α	В	Α	А	ND	Х	ND	ND	ND	ND	ND
Cane Sugar Liquors Sucrose, water	Х	Α	Α	Α	В	Α	Α	Α	Α	А	А	А	А	ND	А	ND	Α	ND	ND	ND
Capryl Alcohol (Octanol) CH3(CH2)6CH2OH	Х	В	Α	С	ND	В	ND	А	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Caprylic Acid (Octanoic Acid) CH3(CH2)6 COOH	ND	ND	С	ND	ND	ND	ND	Α	ND	ND	А	ND	А	А	ND	ND	А	ND	ND	ND
Carbamate H2NCO2R	Х	С	С	С	ND	А	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbitol® CH3CH2OCH2CH2 • OCH2CH2OH	Х	С	В	С	ND	С	ND	Α	ND	В	А	А	А	А	ND	ND	ND	ND	ND	ND
Carbolic Acid (see Phenol) C6H5OH	Х	С	Х	С	ND	Α	ND	А	Α	Α	В	Α	В	Α	С	Х	A ^{150°}	Х	Α	Α
Carbon Dioxide (Carbonic Acid Gas) CO2	Α	Α	Α	В	А	Α	Α	Α	Α	А	А	А	А	А	А	А	Α	А	Α	С
Carbon Disulfide (Carbon Bisulfide) CS2	О	Х	Х	Х	С	Α	А	Α	Α	X	А	В	^{90%} A	ND	Х	В	А	В	А	Х
Carbon Monoxide CO	Α	Α	С	С	Α	С	X	А	А	Α	А	А	А	А	А	В	Α	Α	ND	A ^{140°}
Carbon Tetrachloride (Tetrachloromethane) CCL4	Х	X	С	Х	Х	А	X	Α	А	X	Х	С	В	А	Х	В	А	В	А	Х
Carbonated Beverages CO2/H2O	Α	А	Α	ND	ND	ND	ND	А	ND	А	С	ND	А	А	А	ND	Α	ND	ND	ND
Carbonic Acid (liquid) H2CO3	ND	Α	В	ND	С	А	ND	Α	А	Α	А	Х	В	А	А	А	Α	Α	Α	Α
Casein a phosphoprotein	ND	Α	Α	Α	ND	А	ND	Α	ND	ND	В	ND	В	В	ND	ND	ND	ND	ND	ND
Castor Oil a mixture of fatty acids	Α	Α	Α	В	В	А	А	А	А	В	А	В	А	А	ND	ND	ND	ND	ND	A ^{140°}
Catsup (Ketchup)	ND	С	Α	ND	ND	Α	ND	Α	ND	Α	В	Х	Α	Α	Α	ND	ND	ND	ND	A ^{140°}
Cellosolve® (Glycol Ethers) HOCH2CH2OR	ND	С	С	С	Х	В	ND	А	ND	С	А	ND	А	А	A ^{100°}	А	Α	А	А	ND
Cellulose Acetate C8H12O5	ND	В	В	ND	ND	С	ND	Α	ND	ND	В	В	А	А	ND	ND	ND	ND	ND	ND
Data lin	nited to	o % co	ncenti	ration a	and/or	tempe	erature	°F she	own. W	/here no	ot shown	tempera	ature is 7	70°F (21°	°C) Am	bient.				

				EL	AST	ОМІ	ERS				M	ETAL	PAR	TS			PLA:	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Cellulube® Hydraulic Fluids (Phosphate Esters)	ND	Х	Х	Α	С	В	ND	А	ND	Х	А	А	А	А	ND	ND	ND	ND	ND	ND
Chlorinated Lime—35% (Bleach) CA(CIO)2	Х	Х	С	Α	^{6%} A	А	ND	Α	ND	X	ND	Х	А	ND	ND	ND	ND	ND	ND	ND
Chlorinated Water	ND	С	С	ND	X	Α	ND	Α	ND	ND	С	ND	В	Α	В	X	Α	В	Х	Α
Chlorine Dioxide CIO2	ND	X	Х	С	ND	В	А	А	А	X	В	ND	Х	В	Х	ND	Α	ND	ND	ND
Chlorine Trifluoride CIF3	Х	Х	Х	Х	ND	В	Х	А	С	X	А	ND	А	ND	Х	ND	ND	Х	ND	В
Chlorine, Anhydrous Liquid Cl2	ND	Χ	Χ	ND	ND	Α	ND	А	ND	X	Х	Х	Х	А	Х	ND	Α	ND	ND	Х
Chlorine, Dry CL2	ND	С	С	ND	Х	Α	ND	А	А	С	X	X	ND	ND	Х	Х	Α	Х	Х	В
Chlorine, Wet CI2/H2O	X	X	С	Х	Х	Α	А	А	А	С	В	С	Α	А	Х	Х	Α	Х	Х	В
Chloroacetic Acid (Monochloroacetic Acid) CICH2COOH	Х	С	Х	В	Х	С	Α	А	ND	ND	X	Х	Х	А	А	Х	А	Х	А	ND
Chloroacetone (Monochloroacetone) CICH2COCH3	ND	С	Х	А	ND	С	ND	А	ND	С	X	В	В	В	Х	ND	ND	ND	ND	ND
Chlorobenzene (Monochlorobenzene) C6H5Cl	Х	Х	Х	Х	Х	Α	ND	А	ND	С	X	В	В	В	Х	А	A ^{150°}	В	А	Х
Chlorobromomethane CICH2Br	ND	X	Х	ND	ND	Α	ND	А	ND	X	X	В	В	ND	Х	ND	ND	ND	ND	Х
Chlorobutadiene (Chloroprene) C4H5CL	ND	Х	Х	Х	ND	Α	ND	Α	ND	С	X	В	В	В	Х	ND	ND	ND	ND	ND
Chloroform CHCl3	Χ	Χ	Х	Х	Х	Α	ND	Α	А	Х	X	А	Α	А	Х	В	Α	Х	Α	ND
Chlorosulfonic Acid HSO3CL	Х	Х	Х	Х	Х	Х	А	А	ND	Α	В	В	В	А	Х	Х	Х	Х	Х	ND
Chlorothene® (Chlorinated Solvents) CH3CCL3	ND	X	Х	ND	ND	С	Α	Α	Α	ND	X	X	А	А	ND	ND	ND	ND	ND	ND
Chlorotrifluoroethylene C2H2CIF3	ND	ND	Х	ND	ND	ND	ND	А	ND	ND	В	В	В	В	ND	ND	ND	ND	ND	ND
Chlorox®	ND	В	С	ND	ND	Α	ND	Α	ND	В	ND	Х	Α	В	В	ND	ND	ND	ND	ND
Chocolate Syrup Corn syrup, water, sugar	ND	Α	Α	ND	ND	ND	ND	А	ND	Α	ND	Х	А	ND	А	ND	ND	ND	ND	ND
Chromic Acid — 25%-50% H2CrO4	Х	Х	Х	С	Х	А	ND	А	А	X	X	В	Х	В	А	Х	A ^{120°}	Х	Α	A ^{122°}
Chromic Acid — Over 50% H2CrO4	Х	Х	Х	С	Х	А	ND	Α	А	Х	Х	В	Х	В	Х	Х	A ^{120°}	Х	Α	A ^{122°}

				EL	AST	OMI	ERS				M	ETAL	PAR	TS			PLA:	SHC	5	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Chromic Acid — To 10% H2CrO4	ND	Х	Х	Α	Х	Α	ND	А	А	X	^{10%} B	В	Х	В	Х	Х	A ^{120°}	Х	А	A ^{140°}
Cider (Apple Juice) Sucrose, water	ND	Α	Α	ND	В	Α	ND	А	ND	А	В	Х	А	А	ND	ND	ND	ND	ND	A ^{140°}
Cinnamon Oil Cinnamic acid esters	ND	С	ND	ND	ND	ND	ND	Α	ND	С	ND	X	А	ND	ND	ND	ND	ND	ND	ND
Citric Acid C6H8O7 • H2O	Α	Α	В	Α	Α	Α	Α	А	А	Α	В	Х	^{30%} A	А	В	В	A ^{250°}	Х	Α	A ^{140°}
Citric Oils Citric acid esters	ND	Х	С	В	ND	Α	ND	А	ND	С	ND	Х	А	ND	А	ND	ND	ND	ND	ND
Citrus Pectin Liquor	ND	Α	Α	ND	ND	Α	ND	Α	ND	ND	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND
Clove Oil (Eugenol) C10H12O2	ND	С	ND	ND	ND	ND	ND	Α	ND	С	ND	Х	А	ND	ND	ND	ND	ND	ND	Α
Cobalt Chloride CoCl2 • 6H2O	Х	Α	Α	С	ND	Α	ND	Α	ND	А	Х	ND	ND	ND	А	ND	ND	ND	ND	ND
Coconut Oil (Coconut Butter) Fatty acid mixture	А	В	В	Α	ND	Α	ND	Α	ND	В	В	А	А	ND	ND	ND	ND	ND	ND	ND
Cod Liver Oil (Fish Oil) Glycerides, acids, esters	Α	В	В	Α	ND	Α	ND	А	ND	С	А	Х	А	ND	ND	ND	ND	ND	ND	A ^{140°}
Coffee Fatty oils, acids, cellulose, water	ND	Α	Α	ND	ND	ND	ND	Α	ND	А	А	ND	А	А	А	ND	ND	ND	ND	A ^{140°}
Coke Oven Gas H2(53%),CH4(26%) • N2(11%),CO(7%) • hydrocarbons (3%)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper Acetate Cu(C2H3O2)2 • CuO • 6H2O	ND	С	В	Α	ND	ND	ND	А	ND	А	X	^{90%} A	^{10%} B	^{10%} B	ND	ND	А	ND	ND	ND
Copper Chloride CuCl2 • 2H2O	Α	А	Α	Α	Α	Α	Α	Α	А	А	X	Х	Х	40%B	А	ND	Α	ND	ND	A ^{140°}
Copper Cyanide CuCN	А	А	Α	Α	ND	Α	ND	Α	ND	А	X	А	^{10%} A	A ^{170°}	А	ND	Α	Α	А	A ^{140°}
Copper Fluoroborate	ND	ND	Α	В	ND	ND	Α	ND	ND	ND	Α	Х	X	Х	В	ND	ND	ND	ND	ND
Copper Nitrate Hexahydrate Cu(NO3)2 • 6H2O	ND	А	Α	Α	ND	Α	ND	А	ND	ND	X	X	Α	В	А	Α	Α	Х	Α	ND
Copper Sulfate (Blue Copperas) CuSO4 • 5H2O	А	А	А	Α	А	Α	Α	Α	А	^{5%} A	Х	Х	^{10%} A	А	А	А	А	В	А	А
Copper Sulfide CuS	ND	ND	Α	ND	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Corn Oil (Maize oil) Glycerides of fatty acids	Α	С	Α	С	Α	Α	Α	А	А	В	В	С	В	ND	А	ND	А	Α	ND	A ^{140°}
Cotton Seed Oil	ND	Α	С	Α	Α	Α	Α	Α	Α	Α	В	Α	С	А	ND	Α	В	Α	Α	Α
Cream	ND	ND	С	Α	ND	ND	Α	ND	А	А	А	ND	Х	Α	ND	Α	ND	ND	ND	ND

				EL	AST	OMI	ERS				M	ETAL	PAR	TS			PLA:	SHC	5	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Creosote, Coal-Tar (Tar Oil) Hydrocarbon mixture	В	С	Α	Х	Χ	Α	Α	Α	Α	В	В	В	В	В	Х	Х	ND	Х	ND	Х
Creosote, Wood-Tar Mixture of phenols	ND	В	Α	Х	Х	Α	Α	А	А	ND	ND	ND	В	ND	Х	Х	ND	Х	ND	Х
Cresylic Acid (Cresol) C8H10O2	Х	Х	С	Х	ND	Α	ND	А	Α	В	В	С	А	В	Х	Х	A ^{150°}	Х	ND	Α
Crotonaldehyde CH3CHCHCHO	ND	Α	Х	ND	ND	Α	ND	А	ND	ND	А	А	Α	Α	ND	ND	ND	ND	ND	ND
Cumeme (Isopropylbenzene) C6H5CH(CH3)2	ND	Х	Х	Х	ND	Α	ND	Α	ND	ND	В	В	В	В	ND	ND	ND	ND	ND	ND
Cutting Oil (Sulfur Base)	ND	С	Α	ND	ND	ND	ND	Α	ND	ND	Α	Α	Α	А	ND	ND	ND	ND	ND	ND
Cutting Oil (Water Soluble)	ND	Χ	С	ND	ND	Α	ND	Α	ND	ND	Α	Α	Α	А	ND	ND	ND	ND	ND	ND
Cyclohexane C6H12	С	Х	В	Х	Α	Α	ND	Α	Α	С	В	В	В	В	Х	Α	Α	Α	А	Α
Cyclohexanol C6H11OH	ND	Α	В	Х	ND	Α	ND	Α	ND	В	С	В	А	А	В	Α	A ^{150°}	А	А	A ^{140°}
Cyclohexanone C6H10O	ND	Х	Х	С	ND	Х	ND	Α	А	С	В	В	В	В	Х	Α	Α	А	А	В
Cyclopentane C5H10	ND	Α	В	Х	ND	Α	ND	Α	ND	ND	В	В	В	В	ND	ND	ND	ND	ND	ND
Cymene (Isopropyltoluene) C10H14	ND	Х	С	Х	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Decahydronaphthalene (Decalin®) C10H18	Х	Х	Х	Х	ND	А	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Decanal CH3(CH2)8CHO	ND	ND	Х	Х	ND	Х	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Decane CH3(CH2)8CH3	С	Χ	В	С	ND	Α	ND	А	ND	С	ND	ND	ND	ND	A ^{70°}	ND	Α	ND	ND	ND
Decyl Alcohol (Decanol) C10H21OH	ND	Х	Α	ND	ND	В	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Denatured Alcohol Ethanol and denaturant	Х	В	Α	Α	ND	В	ND	Α	ND	В	В	В	А	А	А	ND	Α	ND	ND	ND
Detergent Solutions	Х	Α	Α	Α	В	Α	ND	Α	ND	В	В	ND	Α	ND	Α	Α	ND	Α	А	A ^{140°}
Developing Fluids & Solutions	Х	Α	Α	С	Х	Α	ND	А	ND	А	ND	Х	А	А	ND	ND	ND	ND	A ^{140°}	ND
Dextrose C6H12O6	Α	В	В	Α	B ^{140°}	Α	ND	Α	ND	ND	А	Х	А	А	А	ND	Α	ND	ND	A ^{140°}
Diacetone Alcohol (Diacetone) CH3COCH2C(CH3)2OH	Х	Х	Х	Α	С	Х	ND	Α	ND	В	А	А	А	А	В	А	В	А	ND	ND
Dibenzyl Ether (C6H5CH2)2O	С	Χ	Х	С	ND	С	ND	А	ND	С	В	В	В	В	ND	ND	С	ND	ND	ND
Dibenzyl Sebecate C24H30O4	Х	Χ	Χ	С	А	В	ND	Α	Α	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Data lin	nited to	o % co	ncenti	ration	and/or	tempe	rature	°F sh	own. W	/here no	ot shown	tempera	ature is	70°F (21°	°C) Am	bient.				

				EL	AST	OM	ERS				M	ETAL	PAR	TS			PLA:	SIIC	3	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Dibutyl Amine (C4H9)2NH	ND	Х	С	Х	ND	Х	ND	Α	ND	В	ND	А	А	А	Х	ND	B ^{70°}	ND	ND	ND
Dibutyl Mercaptan (C4H9)2S	ND	Χ	Χ	ND	ND	Α	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibutyl Phthalate (DBP) C6H4(CO2C4H9)2	С	Х	Х	Α	Α	В	ND	А	А	В	А	А	А	А	Х	ND	Х	Α	А	Α
Dibutyl Sebecate (DBS) C18H34O4	Х	Х	Х	С	ND	С	ND	А	ND	В	ND	А	А	ND	С	ND	ND	ND	ND	ND
Dichloro Isopropyl Ether C6H12OCI2	С	Х	Х	Х	ND	Х	ND	А	ND	Х	ND	ND	ND	ND	Х	ND	ND	ND	ND	ND
Dichloroacetic Acid CI2CHCOOH	ND	Χ	Х	ND	ND	Х	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobutane C4H8Cl2	ND	ND	Х	ND	ND	Α	ND	Α	ND	ND	Х	В	В	ND	ND	ND	ND	ND	ND	ND
Dichloroethyl Ether [CICH2CH2]2O	ND	ND	Х	ND	ND	ND	ND	А	ND	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dicyclohexylamine (C6H11)2NH	ND	Х	Х	Х	ND	В	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Oil (Fuel ASTM #2) Hydrocarbons	С	С	Α	Х	В	А	ND	Α	Α	С	Α	А	Α	А	В	ND	Α	ND	ND	A ^{122°}
Diester Synthetic Oils	Χ	Χ	В	Χ	ND	Α	ND	Α	ND	ND	Α	Α	Α	А	ND	ND	ND	ND	ND	ND
Diethano Amine (HOCH2CH2)2NH	С	Α	В	ND	ND	ND	ND	А	ND	ND	ND	Α	А	А	А	ND	ND	Α	ND	ND
Diethyl Amine (CH3CH2)2NH	С	С	С	С	ND	Х	ND	Α	ND	ND	В	В	А	А	А	ND	Α	Α	ND	ND
Diethyl Benzene C6H4(C2H5)2	Χ	Χ	Х	Х	ND	Α	ND	Α	ND	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Carbonate (C2H5O)2CO	ND	Х	Х	ND	ND	ND	ND	А	А	ND	ND	А	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Ether (Ether) (CH3CH2)2O	Α	С	В	Х	С	Х	ND	Α	Α	В	В	А	А	А	Х	А	А	В	А	Х
Diethyl Phthalate (DEP) C6H4(CO2C2H5)2	ND	ND	Х	ND	ND	С	ND	Α	ND	ND	Α	А	А	А	ND	ND	ND	ND	ND	ND
Diethyl Sebecate C14H26O4	ND	Х	Х	С	Α	В	ND	Α	ND	В	Α	А	А	А	A ^{120°}	ND	A ^{120°}	ND	ND	ND
Diethylene Ether (Dioxane) C4H8O2	ND	Χ	Х	Α	ND	Х	ND	Α	ND	ND	А	Α	А	ND	ND	ND	ND	ND	ND	ND
Diethylene Glycol (DEG) HOCH2CH2OCH2 • CH2OH	Х	Α	Α	А	Α	Α	ND	А	ND	А	А	А	А	А	А	ND	ND	А	ND	A ^{140°}
Diethylene Triamine (NH2C2H4)2NH	ND	ND	В	ND	ND	ND	ND	А	ND	ND	Α	Α	А	А	ND	ND	ND	ND	ND	ND
Diisobutyl Ketone C4H9COC4H9	ND	Х	Х	В	ND	Х	ND	А	ND	ND	А	Α	А	А	ND	ND	ND	ND	ND	ND
Diisobutylene [HC=C(CH3)2]2	ND	С	В	ND	ND	С	ND	Α	ND	С	ND	ND	ND	ND	А	ND	А	А	А	ND
Data lin	nited to	ე % იი	ncenti	ration :	and/or	temne	rature	°F sh	own. W	/here no	t shown	tempera	ature is :	70°F (21°	°C) Am	hiont				

				EL	ASI	OMI	ERS				IVI	EIAL	PAR	15			PLA:) IIC		
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Diisodecyl Adipate (DIDA) C26H50O4	ND	ND	Х	ND	ND	С	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diisodecyl Phthalate (DIDP) C28H47O4	ND	Χ	Х	Α	ND	С	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diisooctyl Adipate (DIOA) C22H42O4	ND	ND	Х	ND	ND	С	ND	А	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Diisooctyl Phthalate (DIOP) C24H39O4	ND	ND	Х	ND	ND	С	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diisooctyl Sebecate (DIOS) C26H46O4	ND	ND	ND	В	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl Amine [(CH3)2CH]2NH	ND	ND	В	ND	ND	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl Benzene C6H4 • [CH(CH3)2]2	ND	Χ	Х	Х	ND	Α	ND	А	ND	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl Ketone [(CH3)2CH]2CO	ND	Χ	Х	Α	ND	Х	ND	А	ND	С	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND
Dimethyl Ether CH3OCH3	ND	В	Α	ND	ND	Α	ND	А	Α	ND	В	В	В	В	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate C6H4(CO2CH3)2	ND	Х	Х	С	Α	С	ND	А	ND	Α	ND	ND	ND	ND	ND	ND	A ^{70°}	В	Α	ND
Dimethyl Sulfate (CH3)2SO4	ND	ND	Х	ND	ND	Х	ND	А	ND	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl Sulfide (CH3)2S	ND	ND	Х	ND	ND	ND	ND	Α	ND	ND	А	Α	А	А	ND	ND	ND	ND	ND	ND
Dinitrotoluene (DNT)CH3C6H3(NO2)2	ND	Х	Х	Х	ND	С	ND	А	ND	В	ND	ND	А	ND	ND	ND	ND	ND	ND	ND
Dioctyl Phthalate (DOP) C24H38O4	Х	Х	Х	В	Α	В	ND	А	ND	С	А	А	Α	А	ND	ND	ND	ND	ND	Α
Dioctyl Sebecate C26H50O4	С	Х	Х	С	ND	С	ND	А	ND	С	А	А	А	А	ND	ND	ND	ND	ND	ND
Dioxolanes (Dioxolans) Glycol ethers	ND	Х	Х	В	ND	С	ND	Α	ND	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dipentene (Limonene) C10H16	ND	Х	С	Х	ND	Α	ND	А	ND	С	Α	Α	А	Α	ND	ND	ND	ND	ND	ND
Diphenyl Oxides (Phenyl Ether) C6H5OC6H5	С	Х	Х	С	ND	А	ND	Α	ND	С	В	А	А	А	ND	ND	А	ND	ND	ND
Dipropyl Ketone (Butyrone) (C3H7)2CO	ND	ND	Х	ND	ND	ND	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dipropylamine (CH3CH2CH2)2 NH	ND	ND	В	ND	ND	ND	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dipropylene Glycol (C3H6OH)2O	ND	ND	Α	ND	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	А	ND	Α	ND	ND	ND
Dispersing Oil #10	ND	Χ	Χ	Χ	ND	С	ND	Α	ND	ND	Α	Α	Α	А	ND	ND	ND	ND	ND	ND
Divinyl Benzene (DVB) C6H4(CH=CH2)2	ND	ND	Х	ND	ND	А	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Data lin	nited to	о % со	ncenti	ation	and/or	tempe	rature	°F she	own. W	/here no	t shown	tempera	ature is 7	70°F (21°	°C) Am	bient.				

					AST	OM	ERS				M	ETAL	PAR	TS			PLA:	5 I I C	, S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Dodecyl Benzene (Alkane) C6H5(CH2)11CH3	ND	ND	Х	ND	ND	Α	ND	Α	ND	ND	А	А	Α	ND	ND	ND	ND	ND	ND	ND
Dow Corning® (Silicones) [(CH3)2SiO]2	Α	Α	Α	ND	ND	Α	ND	А	ND	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dowtherm®(Biphenyl & Phenyl Ether) (C6H5)2 and (C6H5)2O	С	Х	Х	Х	ND	Α	ND	Α	ND	X	А	В	А	А	ND	ND	ND	А	ND	ND
Drycleaning Fluids Chlorinated hydrocarbons	ND	Χ	О	ND	ND	Α	ND	Α	ND	Х	А	А	Α	ND	Х	ND	ND	ND	ND	ND
Dyes	ND	ND	С	ND	ND	ND	Α	ND	ND	ND	В	В	ND	Α	ND	ND	ND	ND	ND	ND
Epichlorohydrin C3H5CIO	ND	Х	Х	В	Х	Х	ND	Α	Α	В	X	А	Α	Α	А	Α	Х	Α	Α	ND
Epsom Salts (Magnesium Sulfate) MgSO4 • 7H2O	ND	А	Α	ND	ND	А	ND	Α	ND	А	А	ND	А	В	А	ND	А	ND	ND	ND
Ethane C2H6	С	С	Α	Х	ND	Α	ND	А	Α	С	А	А	Α	Α	С	Α	ND	Α	ND	ND
Ethanolamine (Aminoethanol) H2NCH2 • CH2OH	Х	С	В	В	ND	Х	ND	А	ND	А	В	А	А	ND	Х	Х	С	А	А	A ^{140°}
Ethyl Acetate CH3COOC • H2CH3	Х	Х	Х	В	С	Х	Α	А	Α	С	А	А	Α	Α	С	Α	Α	Α	Α	B ^{122°}
Ethyl Acetoacetate (Acetoacetic Ester) CH3COCH2 • COOCH2CH3	С	Х	Х	С	ND	Х	ND	Α	ND	С	А	А	Α	А	ND	ND	A ^{70°}	ND	ND	ND
Ethyl Acrylate CH2CHCO2 • CH2CH3	Χ	Χ	Χ	С	ND	Χ	ND	А	ND	С	Α	А	Α	Α	В	ND	B ^{70°}	ND	ND	ND
Ethyl Alcohol (Ethanol) C2H5OH	Х	Α	Α	Α	Α	В	ND	А	А	Α	В	А	Α	Α	A ^{180°}	Α	Α	В	Α	A ^{140°}
Ethyl Aluminum Dichloride CH3CH2AlCl2	ND	ND	Х	ND	ND	В	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Amine (Monoethylamine) CH3CH2NH2	ND	С	Х	А	ND	Х	ND	Α	ND	ND	В	В	А	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene CH3CH2C6H5	Χ	Χ	Х	Х	ND	Α	ND	Α	ND	С	В	В	В	А	Х	Α	А	ND	ND	Α
Ethyl Benzoate C6H5CO2CH2CH3	ND	Х	Х	С	ND	Α	ND	Α	ND	С	А	А	А	А	В	ND	ND	Х	ND	ND
Ethyl Bromide (Bromoethane) CH3CH2Br	ND	В	Х	В	ND	ND	ND	А	ND	Х	А	А	А	ND	ND	ND	ND	ND	ND	ND
Ethyl Butyl Acetate CH3CO2CH2 • CH(C2H5)2	ND	ND	Х	ND	ND	Х	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Butyl Alcohol CH3CH(C2H5) • (CH2)2OH	ND	ND	Α	ND	ND	В	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Butyl Ketone CH3CH2COC4H9	ND	ND	Х	ND	ND	Х	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Data lin												tempera				bient.	-	•	•	

				EL	AST	OMI	ERS				M	ETAL	PAR	TS			PLA:	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Ethyl Butyraldehyde C6H12O	ND	ND	Х	ND	ND	Х	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Butyrate CH3CH2CH2 • C140° CO2C2H5	ND	Х	Х	Х	ND	С	ND	Α	ND	ND	В	А	А	А	В	ND	ND	А	ND	ND
Ethyl Caprylate CH3(CH2)6 • CO2C2H5	ND	ND	Х	Х	Х	ND	ND	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Cellosolve® C2H5O(CH2)2OH	ND	С	С	В	ND	Х	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Cellulose (Ethocel®)	В	В	В	В	В	С	Α	Α	Α	Α	В	Α	В	В	С	ND	ND	В	ND	ND
Ethyl Chloride (Chloroethane) C2H5Cl	С	С	Α	Α	X	Α	Α	Α	Α	С	Х	В	А	В	х	А	А	В	А	Х
Ethyl Chlorocarbonate (Ethyl Chloroformate) CICO2C2H5	ND	С	ND	ND	ND	Α	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Cyanide (Propionitrile) C2H5CN	ND	В	Х	Α	ND	Х	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Formate HCOOCH2 CH3	ND	В	Х	С	ND	Α	ND	Α	ND	В	В	Α	В	В	ND	ND	ND	ND	ND	С
Ethyl lodide CH3CH2I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Isobutyrate (CH3)2 • CHCOOCH2CH3	ND	Х	Х	Х	ND	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Mercaptan (Ethanethiol) CH3CH2SH	ND	С	Х	Х	ND	В	ND	Α	ND	С	В	А	В	В	ND	ND	ND	ND	ND	ND
Ethyl Oxalate C2H5O2C • CO2C2H5	Α	Х	Х	Α	ND	В	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Pentachlorobenzene C2H5C6Cl5	ND	Х	Х	ND	ND	Α	ND	Α	ND	Х	Х	ND	ND	ND	Х	ND	ND	ND	ND	ND
Ethyl Propionate CH3CH2 • COOCH2CH3	ND	Х	Х	Х	ND	ND	ND	А	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Ethyl Silicate Si(OCH2CH3)4	ND	Α	Α	Α	ND	Α	ND	А	ND	В	В	А	А	А	ND	ND	ND	ND	ND	ND
Ethyl Sulfate C2H5OSO2OH	ND	ND	Α	ND	ND	Α	ND	Α	ND	В	ND	ND	Х	ND	ND	ND	ND	Α	ND	ND
Ethylene (Ethene) C2H4	ND	Α	В	С	ND	Α	ND	Α	А	С	А	А	А	ND	ND	ND	ND	ND	ND	ND
Ethylene Chlorohydrin CICH2CH2OH	Х	В	Х	Α	Х	В	ND	Α	ND	С	ND	В	Α	А	Х	ND	A ^{70°}	ND	ND	ND
Ethylene Diamine (CH2)2(NH2)2	ND	Α	В	Α	ND	Х	ND	Α	ND	Α	С	А	А	А	А	Α	В	В	А	А
Ethylene Dibromide (Ethylene Bromide) Br(CH2)2Br	ND	Х	Х	С	ND	В	ND	А	А	ND	Х	Х	В	В	X	ND	А	ND	ND	ND

				EL	AST	ОМІ	ERS				M	ETAL	PAR	TS			PLA	STIC	55	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Ethylene Dichloride (Dutch Oil) CI(CH2)2CI	Х	Х	X	Х	X	В	ND	Α	Α	X	Х	В	В	В	X	В	А	В	А	Х
Ethylene Glycol (Ethylene Alcohol) (Glycol) (CH2OH)2	В	Α	А	А	А	A ^{70°}	Α	Α	Α	Α	А	А	А	А	A ^{120°}	А	А	В	А	A ^{140°}
Ethylene Glycol Monobutyl (Ether) (Butyl Cellosolve®) C4H9OCH2CH2OH	Х	Х	В	В	ND	С	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Ethylene Glycol Monoethyl (Ether Acetate) (Cellosolve Acetate®) C2H5O(CH2)2 • O2CCH3	Х	Х	С	В	ND	С	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Ethylene Glycol Monomethyl (Ether) (Methyl Cellosolve®) CH3O(CH2)2OH	Х	С	С	В	ND	X	ND	Α	ND	ND	В	В	А	А	ND	ND	ND	ND	ND	ND
Ethylene Oxide (CH2)2O	Х	Х	Х	Х	А	С	ND	Α	А	Α	А	В	А	А	С	ND	Α	А	Х	А
Ethylene Trichloride (Trichloroethene) CICHCCI2	ND	Х	X	Х	ND	А	ND	Α	ND	X	Х	А	А	ND	х	ND	ND	ND	ND	ND
Ethylhexyl Acetate CH3CO2CH2 • CH(C2H5)C4H9	ND	ND	Х	ND	ND	Х	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylhexyl Alcohol (Ethylhexanol) C8H17OH	ND	ND	Α	ND	ND	В	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Ethylidene Chloride CH3CHCl2	ND	Х	Х	Х	ND	ND	ND	Α	ND	ND	Х	В	А	В	ND	ND	ND	ND	ND	ND
Fatty Acids CnH2n+1COOH	ND	С	В	Х	В	А	ND	Α	ND	В	^{90%} A	Х	А	А	В	Α	А	А	ND	A ^{140°}
Ferric Chloride FeCl3	Α	Α	Α	Α	Х	Α	Α	Α	Α	Α	Х	Х	Х	^{10%} A	А	Α	А	Х	А	A ^{140°}
Ferric Hydroxide FeHO2	ND	ND	В	ND	ND	С	ND	Α	ND	ND	ND	ND	А	^{10%} B	ND	ND	ND	ND	ND	ND
Ferric Nitrate Fe(NO3)3	Α	Α	Α	Α	ND	А	ND	Α	ND	Α	Х	Х	В	^{10%} A	А	Α	Α	Х	А	A ^{140°}
Ferric Sulfate Fe2(SO4)3	ND	Α	Α	Α	ND	Α	А	Α	Α	Α	С	Х	В	^{30%} A	А	В	Α	Х	А	A ^{140°}
Ferrous Chloride FeCl2	ND	Α	Α	Α	X	А	ND	Α	ND	Α	Х	Х	^{30%} B	50%B	А	В	Α	Х	А	А
Ferrous Sulfate FeSO4	ND	Α	Α	Α	А	А	ND	Α	ND	Α	^{10%} A	С	В	^{30%} A	А	В	Α	С	А	A ^{140°}
Fish Oil	ND	ND	Α	ND	ND	Α	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoboric Acid (Fluoroboric Acid) HBF4	ND	В	А	А	Х	С	ND	Α	ND	Α	Х	Х	^{30%} A	ND	А	ND	А	Х	А	A ^{140°}
Data lin	nited to	o % co	ncent	ration	and/or	tempe	erature	°F sh	own. W	/here no	ot shown	temper	ature is	70°F (21°	°C) Am	bient.				

				EL	AST	ОМІ	ERS				M	ETAL	PAR	TS			PLA:	SHC	5	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Fluorine (Liquid) F2	ND	С	Х	С	Х	В	Х	А	С	Х	А	ND	Α	ND	Х	ND	A ^{70°}	Х	ND	А
Fluorobenzene FC6H5	ND	Х	Х	Х	ND	Α	ND	Α	ND	С	ND	ND	ND	ND	Х	ND	ND	ND	ND	ND
Fluorolube (Fluorocarbon Oils) FxCyHz	ND	Α	С	Α	ND	В	ND	Α	ND	Х	А	А	А	А	Х	ND	ND	ND	ND	ND
Fluosilicic Acid (Sand Acid) H2SiF6	В	Α	В	В	В	Α	ND	Α	ND	Α	Х	Х	ND	В	Α	ND	Α	Х	Α	А
Formaldehyde (Formalin) HCHO	Х	С	В	Α	⁴⁰ %C	Α	Α	Α	Α	В	А	С	^{90%} A	^{70%} A	А	Α	A ^{120°}	С	Α	A ^{140°}
Formamide HCONH2	ND	Α	Α	А	ND	Х	ND	А	ND	ND	Α	В	В	В	ND	ND	ND	ND	ND	ND
Formic Acid HCOOH	Х	В	С	В	С	С	Α	Α	А	А	Х	Х	С	А	A ^{70°}	Х	Α	Х	Α	A ^{140°}
Freon 11 (Trichlorofluoromethane) CCI3F	Х	С	С	Х	А	В	ND	Α	Α	X	В	А	А	ND	В	ND	А	х	А	ND
Freon 113 (Trichlorotrifluoroethane) (TF) CI3CCF3	С	Α	В	×	А	В	ND	A	А	Х	В	ND	А	ND	ND	ND	А	ND	ND	ND
Freon 114 (Dichlorotetrafluoroethane) C2Cl2F4	Α	Α	А	С	Α	А	ND	Α	Α	X	В	ND	А	ND	ND	ND	А	ND	ND	ND
Freon 114B2 (Dibromotetrafluoroethane) C2Br2F4	ND	Α	В	X	ND	В	ND	А	А	Х	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 115 (Chloropentafluoroethane) C2CIF5	ND	Α	Α	Α	ND	В	ND	Α	А	Х	А	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 12 (Dichlorodifluoromethane) CI2CF2	Α	В	В	В	Α	В	ND	A	Α	X	А	А	А	ND	ND	ND	А	ND	ND	ND
Freon 13 (Chlorotrifluoromethane) CICF3	ND	Α	Α	Α	С	Α	ND	Α	ND	X	А	А	А	А	ND	ND	ND	ND	ND	ND
Freon 13B1 (Bromotrifluoromethane) BrCF3	Α	Α	А	А	ND	Α	ND	А	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 14 (Tetrafluoromethane) CF4	ND	Х	Х	В	ND	ND	ND	Α	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 21 (Dichlorofluoromethane) FCHCl2	ND	В	Х	Х	ND	Х	ND	А	А	Х	А	ND	ND	ND	ND	ND	А	ND	ND	ND
Freon 22 (Chlorodifluoromethane) HCCIF2	Х	В	Х	С	Х	Х	ND	Α	А	Х	А	А	А	А	ND	ND	А	ND	ND	ND
Data lin											t shown		ature is 7			bient.				

				EL	AST	OM	ERS				M	ETAL	PAR	TS			PLA:	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Fruit Juices Water, sucrose	ND	Α	Α	Α	В	Α	ND	А	А	А	^{0%} A	Х	А	А	А	ND	Α	Х	Α	A ^{140°}
Fuel Oils (ASTM #1 thru #9) Hydrocarbons	С	С	Α	Χ	В	Α	Α	А	Α	С	А	А	А	А	С	С	Α	Α	А	Α
Fumaric Acid (Boletic Acid) HOOCCH = CHCOOH	ND	В	С	ND	ND	Α	ND	А	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Furan (Furfuran) C4H4O	ND	Х	Х	Х	Х	С	ND	А	ND	С	ND	ND	ND	ND	С	ND	Х	ND	Α	ND
Furfural (Ant Oil) C5H4O2	Х	В	Х	В	ND	С	Α	А	А	С	Α	В	^{20%} A	В	Х	В	B ^{120°}	А	Α	В
Furfuryl Alcohol C5H6O2	Х	ND	Х	В	В	Х	ND	А	ND	ND	Α	Α	А	А	ND	ND	B ^{100°}	ND	ND	ND
Fusel Oil (Grain Oil) (CH3)2 • CHCH2CH2OH	С	Α	Α	Α	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gallic Acid C6H2(OH)3 • COOH	Х	С	В	В	Х	Α	ND	Α	ND	В	^{20%} A	Х	В	В	A ^{70°}	ND	A ^{70°}	В	А	A ^{140°}
Gasoline (Petrol) Hydrocarbons	В	С	Α	Х	Α	Α	Α	Α	А	С	А	Α	А	А	С	Α	А	Α	А	С
Gasoline (Unleaded) C4 to C12 • Hydrocarbons	X	Х	Х	Х	ND	Α	ND	А	А	С	А	А	А	А	С	А	А	А	А	В
Gelatin Water soluble Proteins	Α	Α	Α	Α	В	В	Α	Α	А	Α	Α	А	А	ND	А	В	А	Α	ND	А
Ginger Oil C17H26O4	ND	Α	ND	ND	ND	Α	ND	Α	ND	С	ND	Х	А	ND	ND	ND	ND	ND	ND	ND
Glauber's Salt (Sodium Sulfate Decahydrate) Na2SO4•10H2O	Α	А	Α	В	В	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gluconic Acid C6H12O7	ND	ND	С	ND	ND	Α	ND	А	ND	ND	В	С	^{50%} A	ND	А	ND	ND	ND	ND	ND
Glucose (Corn Syrup) C6H12O6	Α	Α	Α	Α	В	Α	Α	А	А	А	А	Α	А	ND	А	Α	А	А	ND	А
Glue (PVA)	Α	Α	Α	В	В	Α	Α	Α	Α	Α	Α	А	В	А	Α	В	ND	Α	ND	Α
Glycerol (Glycerine) C3H8O3	Α	Α	Α	Α	Α	Α	Α	А	А	Α	А	В	А	А	А	Α	А	В	Α	A ^{140°}
Glycolic Acid HOCH2COOH	ND	Α	Α	ND	ND	Α	ND	ND	ND	Α	ND	ND	ND	А	А	ND	А	ND	А	A ^{140°}
Glycols	ND	Α	Α	ND	ND	Α	ND	Α	Α	Α	В	В	В	ND	А	Α	Α	Α	Α	A ^{140°}
Gold Monocyanide AuCN	ND	Α	Α	ND	ND	Α	ND	ND	ND	Α	ND	ND	Х	А	ND	ND	ND	ND	ND	ND
Grape Juice Water, sucrose	ND	Х	С	ND	ND	Α	ND	А	ND	Α	ND	Х	А	ND	А	ND	А	ND	ND	ND
Grapefruit Oil	Α	Χ	Χ	ND	ND	ND	ND	Α	ND	ND	ND	Х	А	ND	ND	ND	ND	ND	ND	ND
Grease Hydrocarbons	ND	Х	Α	ND	Α	Α	ND	А	А	В	Α	ND	А	ND	ND	ND	ND	ND	ND	ND
Green Sulfate Liquor	ND	В	В	Α	Χ	Α	Α	Α	В	А	В	С	Α	В	Α	ND	ND	ND	ND	ND
																	-	-	-	-
		0.1			.,			o= .		/here no										

				EL	AST	OM	ERS				M	ETAL	PAR	TS			PLAS	5110	5	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Halowax Oil Chlorinated naphthalenes	ND	Х	Х	Х	ND	Α	ND	А	ND	Х	Х	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptanal CH3(CH2)5CHO	ND	ND	Α	ND	ND	Α	Х	ND	ND	ND	Α	Α	Α	А	А	ND	ND	ND	ND	ND
Heptane C7H16	В	С	Α	Х	ND	Α	ND	Α	Α	С	А	Α	Α	Α	C ^{140°}	Α	Α	Α	Α	Α
Hexalin (Cyclohexanol) C6H11OH	ND	Α	В	С	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexanal CH3(CH2)4CHO	С	Α	Х	В	ND	С	ND	А	ND	ND	А	В	А	В	ND	ND	ND	ND	ND	ND
Hexyl Alcohol (1-Hexanol) C6H13OH	Х	В	В	С	ND	Α	ND	Α	ND	ND	А	А	А	А	A ^{70°}	ND	Α	ND	A ^{70°}	ND
Hexylene Glycol (Brake Fluid) C6H12(OH)2	ND	А	А	С	ND	Α	ND	А	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Honey	ND	Α	ND	ND	ND	ND	ND	Α	ND	Α	А	А	А	ND	Α	ND	ND	ND	ND	ND
Hydraulic Oil (Petroleum Base) Hydrocarbons	Α	В	А	Х	Х	Α	ND	Α	ND	Х	А	А	А	А	Х	С	ND	А	ND	А
Hydrazine (Diamine) H2NNH2	Х	С	С	Α	Χ	Х	ND	Α	Α	Α	А	Х	А	А	Х	В	Х	ND	ND	ND
Hydrobromic Acid HBr	Х	С	Х	Α	ND	Α	Α	А	А	В	А	А	Α	ND	В	Х	А	Х	Α	A ^{140°}
Hydrochloric Acid 10% (Muratic) HCI	В	В	В	А	ND	Α	ND	Α	Α	А	Х	С	Х	В	А	Х	А	А	А	А
Hydrochloric Acid 20% (Muratic) HCI	В	В	В	Α	С	А	ND	Α	А	А	Х	С	Х	А	А	Х	А	А	А	А
Hydrochloric Acid 30% (Conc.) HCI	Х	С	С	А	Х	В	ND	Α	А	ND	Х	Х	Х	А	В	Х	А	Х	А	А
Hydrocyanic Acid (Formonitrile) HCN	С	С	В	Α	Х	Α	А	Α	Α	В	^{10%} A	Х	А	В	А	Х	А	А	ND	A ^{122°}
Hydrofluoric Acid (Conc.) Cold HF *SEE NOTE BELOW	Х	С	ND	С	X	В	Х	А	С	Х	С	Х	Х	В	^{40%} A	X	Α	Х	А	A ^{140°}
Hydrogen Fluoride — Anhydrous HF	С	С	Х	С	ND	Α	Х	Α	С	ND	Х	ND	х	А	А	ND	А	Х	ND	ND
Hydrogen Peroxide — 10% H2O2	ND	С	С	В	Х	Α	ND	А	Α	ND	А	В	А	А	А	ND	А	Х	Х	A ^{122°}
Hydrogen Peroxide — 3% H2O2	ND	В	В	В	Х	Α	ND	А	А	Α	Α	ND	ND	ND	А	ND	А	Х	Х	A ^{122°}
Hydrogen Peroxide — 30% H2O2	ND	Х	С	В	Х	Α	ND	А	Α	ND	А	Х	В	А	А	ND	А	Х	Х	A ^{122°}
D-4- lie	mitad t	0 % 00	nocnt	ration	and/a-	tom=	wat	°E ab	our la	lhoro ==	ot shown	tomno	-4 !- "							

				EL	AST	OM	ERS				M	ETAL	PAR	TS			PLA:	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Hydrogen Peroxide — 90% H2O2	С	В	Χ	С	Χ	Α	ND	Α	Α	ND	А	Х	А	ND	ND	ND	ND	Х	Х	А
Hydrogen Sulfide (Wet) H2S	ND	С	Х	Α	Α	Х	А	Α	А	А	^{90%} A	Х	A ^{167°}	A ^{167°}	А	С	Α	Х	А	Α
Hydroquinone C6H4(OH)2	ND	Х	С	ND	ND	С	ND	Α	ND	Α	^{90%} A	В	^{10%} A	В	ND	ND	Α	ND	ND	A ^{140°}
Hydroxyacetic Acid — 10% HOCH2COOH	ND	Х	Х	ND	ND	ND	ND	Α	ND	^{70%} A	В	ND	В	ND	ND	ND	ND	ND	ND	ND
Hypochlorous Acid HCIO	ND	Χ	Χ	В	ND	Α	ND	Α	ND	Α	Х	Х	Х	А	А	ND	Α	Х	ND	A ^{140°}
Ink	Α	Α	ND	ND	Α	ND	Α	ND	Α	С	Х	Α	Α	ND	ND	ND	ND	ND	A ^{140°}	ND
lodine 12	ND	В	В	В	В	Α	ND	Α	ND	Α	Α	Х	Х	А	А	ND	A ^{150°}	Х	ND	В
lodoform CHI3	ND	ND	ND	Α	ND	ND	ND	Α	ND	В	Α	А	А	А	ND	ND	Α	ND	ND	ND
Isoamyl Acetate CH3CO2CH2CH2CH • (CH3)2	Х	Х	Х	В	ND	Х	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Isoamyl Alcohol (CH3)2•CHCH2CH2OH	С	Α	Α	Α	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isoamyl Butyrate C9H18O2	ND	ND	Х	ND	ND	Х	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Isoamyl Chloride (CH3)2, CHCH2CH2CI	ND	Х	Х	Х	ND	Α	ND	Α	ND	ND	Х	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutyl Acetate CH3CO2CH2 •CH(CH3)2	ND	Х	Х	С	ND	Х	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Isobutyl Alcohol (Isobutanol) (CH3)2CHCH2OH	Х	Α	В	Α	ND	Α	ND	Α	ND	NR	А	А	А	А	А	Α	Α	Α	А	ND
Isobutyl Amine (CH3)2 • CHCH2NH2	ND	ND	Х	ND	ND	Х	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isobutyl Chloride (CH3)2 • CHCH2CI	ND	ND	Х	ND	ND	В	ND	А	ND	ND	Х	В	В	^{90%} A	ND	ND	ND	ND	ND	ND
Isobutyric Acid (CH3)2 • CHCOOH	ND	В	Х	Α	ND	ND	ND	Α	ND	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isododecane (CH3)2 • CH(CH2)8CH3	В	Α	В	Х	ND	Α	ND	Α	ND	ND	В	В	В	В	ND	ND	ND	ND	ND	ND
Isooctane (Trimethylpentane) C8H18	В	В	Α	Х	Α	Α	ND	Α	ND	С	А	А	А	А	А	ND	А	А	А	ND
Isopentane (CH3)2, CHCH2CH3	ND	ND	Α	ND	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone C9H14O	С	Х	Х	С	ND	Х	ND	Α	ND	В	Α	А	А	А	ND	ND	ND	ND	ND	ND
Isopropyl Acetate CH3COOCH, (CH3)2	Α	Х	Х	В	ND	Х	ND	А	ND	В	А	А	А	А	В	ND	ND	А	ND	ND

				EL	AST	ОМІ	ERS				M	ETAL	PAR	TS			PLA:	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Isopropyl Alcohol (Isopropanol) CH3CH(OH)CH3	Х	В	В	В	А	Α	ND	Α	А	А	А	А	А	А	А	А	А	Х	А	ND
Isopropyl Amine C3H7NH2	ND	ND	Х	ND	ND	Х	ND	А	ND	ND	ND	А	А	ND	ND	ND	ND	ND	ND	ND
Isopropyl Chloride (CH3)2CHCI	Х	Х	Х	Х	ND	В	ND	Α	ND	С	Х	А	А	А	Х	ND	ND	ND	ND	ND
Isopropyl Ether (CH3)2CHOCH • (CH3)2	С	С	С	Χ	ND	С	ND	Α	ND	С	В	ND	А	ND	Х	ND	A ^{70°}	Α	ND	ND
Jet Fuels (JP1 to JP6) (ASTM-A, A1 & B)	С	С	Α	Х	Α	Α	ND	А	А	С	А	А	А	А	Х	А	Α	Α	Α	ND
Kerosine (Kerosene) Hydrocarbons	С	С	Α	Χ	Α	Α	Α	А	Α	С	А	А	А	А	Х	А	Α	Α	Α	C ^{140°}
Lacquer Solvents	Χ	Χ	Χ	Χ	С	Χ	Α	Α	Α	С	Α	В	Α	Α	С	В	Х	В	ND	ND
Lacquers	Х	Χ	Χ	Χ	Χ	Χ	Α	Α	Α	С	Α	В	Α	Α	ND	В	ND	Α	ND	ND
Lactic Acid CH3CHOH • COOH	ND	В	В	Α	Х	Α	Α	А	Α	Α	Α	Х	^{70%} A	^{60%} A	А	С	Α	Х	Α	A ^{140°}
Lactol (Aliphatic Naptha Solvent) CH3CHOH • CO2C10H7	ND	Х	О	ND	ND	Α	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Lard (Lard Oil) Olein, stearin	Α	С	Α	Х	В	Α	ND	Α	ND	В	А	А	В	А	А	В	Α	Α	ND	A ^{140°}
Latex Rubber emulsion	ND	Α	Α	ND	ND	ND	ND	А	ND	ND	А	ND	А	ND	А	С	ND	Α	ND	ND
Lauryl Alcohol (n- Dodecanol) CH3(CH2)10 • CH2OH	ND	ND	Α	ND	ND	В	ND	ND	ND	Α	А	А	А	А	ND	ND	ND	ND	ND	A ^{140°}
Lavender Oil Ester mixture	ND	Х	В	Х	ND	В	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead Acetate (Sugar of Lead) Pb(CH3CO2)2	Х	Α	В	Α	ND	Х	ND	Α	ND	А	X	ND	В	В	А	А	А	В	А	А
Lead Chloride PbCl2	ND	В	ND	ND	ND	ND	ND	А	ND	ND	Х	ND	В	В	А	ND	Α	ND	ND	ND
Lead Nitrate Pb(NO3)2	ND	Α	В	Α	ND	Α	ND	А	ND	ND	Х	В	В	В	А	ND	Α	ND	ND	A ^{125°}
Lead Sulfamate	ND	ND	Α	В	ND	ND	Α	ND	Α	ND	Α	ND	ND	ND	ND	Α	ND	ND	В	ND
Lemon Oil (Cedro Oil) Hydrocarbons	ND	ND	С	ND	ND	ND	Α	ND	А	ND	С	А	ND	А	ND	ND	ND	ND	ND	ND
Lignin Liquor (Blend of natural aromatic oils)	ND	А	Α	ND	ND	Α	ND	А	ND	ND	ND	ND	А	ND	ND	ND	ND	ND	ND	ND
Ligroin (Ligroine) (Benzine) Petroleum fraction	ND	В	Α	Х	ND	Α	ND	А	ND	В	ND	А	А	ND	Х	ND	ND	ND	ND	ND
Lime Bleach	ND	С	Α	Α	ND	Α	ND	Α	ND	Α	Х	ND	ND	ND	В	ND	ND	ND	ND	ND
Lime Slurries	ND	Α	В	ND	С	В	ND	Α	ND	ND	В	ND	В	ND	ND	ND	ND	ND	ND	ND

				EL	AST	ОМІ	ERS				M	ETAL	PAR	TS			PLA	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Lime Sulfur CaS+CaSO4	ND	Α	Α	Α	ND	Α	ND	А	ND	В	Х	ND	А	ND	Α	ND	ND	В	ND	Α
Lime, Soda (Slaked Lime & Soda Ash) CaO	С	В	В	Α	ND	В	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Limonene C10H16	ND	Х	С	Х	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lindol (Tritolyl Phosphate) C21H21O4P	ND	С	Х	ND	ND	В	ND	А	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Linoleic Acid C18H32O2	ND	Χ	В	Χ	ND	В	ND	Α	ND	В	А	ND	А	Α	А	ND	Α	ND	ND	ND
Linseed Oil (Flaxseed Oil) Glycerides	В	Α	Α	С	В	Α	Α	Α	Α	В	Α	А	А	Α	А	Α	Α	Α	Α	А
Lithium Bromide LiBrH2O	ND	Χ	Α	ND	ND	Α	ND	А	Α	ND	ND	А	ND	ND	ND	ND	Α	ND	ND	ND
Lubricating Oils (Petroleum) Hydrocarbons	С	B ^{150°}	Α	Х	Α	Α	Α	А	А	Х	А	А	А	А	С	А	А	А	А	А
Lye (Potassium Hydroxide) KOH	ND	В	С	ND	С	В	ND	А	В	А	ND	ND	А	ND	Α	Х	A ^{150°}	С	Α	A ^{140°}
Magnesium Carbonate MgCO3	ND	Α	Α	С	Α	Α	ND	А	ND	Α	А	В	В	В	А	Α	Α	Α	ND	A ^{140°}
Magnesium Chloride MgCl2O	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	^{20%} A	^{30%} B	^{50%} B	Α	А	В	Α	Α	Α	А
Magnesium Hydroxide (Milk of Magnesia) Mg(OH)2	А	В	В	А	С	А	Α	Α	Α	А	^{10%} A	А	А	А	А	А	А	В	А	А
Magnesium Nitrate Mg(NO3)2 • 6H2O	ND	Α	Α	Α	ND	Α	ND	Α	ND	А	50%B	В	А	В	А	ND	Α	Α	Α	A ^{140°}
Magnesium Oxide MgO	ND	Α	Α	ND	ND	В	ND	А	ND	Α	^{10%} A	А	А	Α	ND	ND	ND	ND	ND	ND
Magnesium Sulfate (Epsom Salts) MgSO4 • 7H2O	ND	Α	Α	Α	В	Α	А	Α	ND	А	^{70%} A	А	^{50%} A	А	А	А	А	А	А	А
Maleic Acid (CHCOOH)2	ND	Α	Х	Х	ND	Α	ND	Α	ND	Α	^{20%} A	60%B	В	А	А	ND	Α	Х	ND	A ^{140°}
Maleic Anhydride C4H2O3	ND	ND	ND	Х	ND	Α	ND	Α	ND	Α	^{20%} A	В	А	Α	ND	ND	ND	ND	ND	ND
Malic Acid (Apple Acid) C4H6O5	ND	С	В	Х	ND	Α	ND	Α	ND	Α	В	ND	А	B ^{212°}	ND	ND	ND	ND	ND	ND
Maple Sugar Liquors (Sucrose) Water, sucrose	Х	Α	Α	Α	ND	А	ND	Α	ND	ND	ND	ND	А	ND	ND	ND	ND	ND	ND	ND
Mayonnaise Water, fats, oils	ND	Α	Α	ND	ND	ND	ND	А	ND	Α	Х	Х	А	Α	А	ND	ND	ND	ND	А
Mercuric Chloride HgCl2	ND	В	Α	Α	ND	Α	Α	А	А	А	Х	Х	Х	^{30%} B	А	В	Α	Х	ND	A ^{140°}
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				EL	AST	OMI	ERS				MI	ETAL	PAR	TS			PLAS	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Mercuric Cyanide Hg(CN)2	ND	В	В	Α	ND	Α	ND	Α	ND	Α	Х	В	В	В	Α	ND	Α	ND	ND	A ^{140°}
Mercurous Nitrate Hg2(NO3)2 • 2H2O	ND	В	В	Α	ND	А	ND	Α	ND	ND	Х	В	B ^{212°}	В	Α	ND	Α	ND	ND	A ^{140°}
Mercury Hg	Α	Α	Α	Α	А	А	А	Α	А	Α	Х	А	А	А	Α	С	Α	Α	ND	ND
Mesityl Oxide (CH3)2C = CHCOCH3	ND	Х	Х	В	ND	Х	ND	Α	ND	С	А	А	А	А	ND	ND	ND	ND	ND	ND
Methane CH4	С	В	Α	Х	В	А	ND	Α	А	С	А	А	Α	А	В	Α	А	Α	ND	ND
Methyl Acetate CH3CO2CH3	ND	С	Х	С	С	X	ND	Α	ND	В	А	А	А	А	С	В	ND	Α	ND	ND
Methyl Acetoacetate CH3COCH2 • COOCH3	ND	ND	Х	ND	ND	Х	ND	Α	ND	ND	ND	А	А	А	ND	ND	ND	ND	ND	ND
Methyl Acrylate CH2CHCO2CH3	ND	С	ND	С	ND	Х	ND	Α	ND	В	ND	А	А	ND	ND	ND	A ^{70°}	ND	ND	ND
Methyl Acrylic Acid (Crotonic Acid) CH3(CH)2COOH	ND	С	ND	С	ND	X	ND	Α	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Alcohol (Methanol) CH3OH	Х	Α	Α	Α	А	X	А	А	А	А	А	А	А	А	A ^{70°}	А	А	В	А	А
Methyl Amine (Monomethylamine) CH3NH2	ND	Α	В	Α	ND	^{90%} A	ND	Α	ND	ND	В	В	А	В	Х	ND	С	ND	ND	ND
Methyl Amyl Acetate C8H16O2	ND	ND	Α	ND	ND	Х	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Methyl Amyl Alcohol C6H13OH	ND	ND	Α	ND	ND	Х	ND	Α	ND	ND	Α	А	А	А	ND	ND	ND	ND	ND	ND
Methyl Aniline C6H5NH(CH3)	ND	Α	Α	Α	ND	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Bromide (Bromo Methane) CH3Br	ND	Х	С	Α	Х	А	ND	Α	ND	Х	Х	А	А	В	Х	ND	А	Х	ND	С
Methyl Butyl Ketone (2- hexanone) CH3COC4H9	ND	Х	Х	В	ND	Х	ND	Α	ND	С	ND	ND	А	ND	Х	ND	ND	ND	ND	ND
Methyl Butyrate CH3(CH2)2 • CO2CH3	ND	Х	Х	Х	ND	ND	ND	Α	ND	ND	Α	А	А	А	ND	ND	ND	ND	ND	ND
Methyl Cellosolve® CH3OCH2 • CH2OH	ND	Х	Х	ND	ND	Х	ND	А	ND	В	А	ND	ND	ND	А	ND	А	Α	ND	ND
Methyl Chloride CH3Cl	Х	Х	Х	С	Х	В	А	Α	А	Х	Х	Α	А	А	Х	В	Α	В	Α	С
Methyl Cyclopentane C6H12	ND	Х	В	Х	ND	Α	ND	Α	ND	С	ND	ND	А	ND	ND	ND	ND	ND	ND	ND
Methyl Dichloride CH2Cl2	ND	Х	Х	ND	ND	Α	ND	ND	ND	X	Х	ND	ND	ND	Х	ND	ND	ND	ND	ND
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				EL	AST	OM	ERS				M	ETAL	PAR	TS			PLAS	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Methyl Ethyl Ketone (Butanone) CH3CO • CH2CH3	Х	Х	Х	А	С	Х	ND	Α	Α	В	А	А	А	А	Х	В	Х	А	А	Х
Methyl Formate HCOOCH3	ND	В	Х	С	ND	Х	ND	А	ND	В	А	А	А	ND	ND	ND	ND	ND	ND	ND
Methyl Hexane C7H16	ND	А	Α	Х	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Iodide CH3I	ND	Х	Х	Α	ND	ND	ND	Α	ND	ND	Х	А	А	А	ND	ND	ND	ND	ND	ND
Methyl Isobutyl Ketone (Hexone) CH3COCH2CH • (CH3)2	ND	Х	Х	С	X	X	ND	Α	Α	С	А	В	В	А	C ^{70°}	А	A ^{70°}	х	А	ND
Methyl Isopropyl Ketone CH3COCH(CH3)2	ND	Х	Х	С	Х	Х	ND	Α	ND	С	ND	ND	А	ND	С	ND	A ^{70°}	ND	ND	ND
Methyl Methacrylate CH2C(CH3) • CO2CH3	ND	Х	Х	Х	ND	С	ND	Α	Α	В	В	ND	А	ND	ND	ND	A ^{70°}	ND	ND	ND
Methyl Oleate C19H36O2	ND	Х	Х	С	ND	В	ND	А	ND	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Propyl Ketone CH3CH2 • CH2COCH3	ND	Х	Х	В	ND	Х	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Salicylate (Betula Oil) HOC6H4 • COOCH3	ND	Х	Х	С	ND	В	ND	Α	ND	В	А	А	ND	ND	ND	ND	ND	ND	ND	ND
Methylacrylic Acid CH3CHCHCO2H	ND	В	ND	ND	ND	В	ND	Α	А	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylamine CH3NH2	ND	Α	В	Α	ND	^{90%} A	ND	А	ND	А	В	В	А	В	Α	ND	ND	ND	ND	ND
Methylene Bromide CH2Br2	ND	Х	Х	ND	ND	В	ND	Α	ND	ND	Х	А	А	А	ND	ND	А	ND	ND	ND
Methylene Chloride CH2CI2	Х	Х	Х	Х	Х	В	ND	А	А	Х	Х	В	^{90%} A	А	Х	ND	B ^{100°}	Α	Α	Х
Milk	Х	Α	В	Α	В	Α	Α	Α	Α	Α	А	Х	Α	Α	Α	Α	Α	Α	ND	Α
Mine Water	ND	ND	Α	ND	ND	ND	ND	Α	ND	ND	В	ND	В	Α	ND	ND	ND	ND	ND	ND
Mineral Oil (Petroleum) Hydrocarbons	А	В	Α	Х	Α	Α	Α	А	А	С	А	А	А	А	В	А	А	А	Α	А
Mixed Acids (Sulfuric & Nitric) H2SO4, HNO3	Х	Х	Х	В	ND	А	ND	Α	ND	ND	Х	Х	В	В	Х	ND	А	С	ND	ND
Molasses	Х	Α	Α	Α	В	Α	ND	Α	ND	Α	Α	Α	Α	Α	Α	В	Α	Α	Α	Α
Monochlorobenzene C6H5Cl	ND	Х	Х	ND	С	Α	ND	Α	ND	С	Х	А	А	ND	Х	Α	A ^{100°}	В	Α	В
Monoethanolamine NH2C2H4OH	ND	С	В	ND	ND	С	ND	А	ND	А	В	А	А	ND	Х	Х	Х	Α	А	ND
Mustard	ND	Α	С	ND	В	Χ	ND	Α	ND	Α	В	Χ	Α	Α	Α	Α	ND	Α	ND	ND
N,N-Dimethyl Formamide (DMF) HCON(CH3)2	ND	Х	С	ND	С	Х	ND	Α	А	А	А	ND	А	А	A ^{120°}	В	A ^{120°}	А	А	ND
Data lin											t shown	temper				bient.				

				EL	AST	OMI	ERS				M	ETAL	PAR	TS			PLA:	SIIC	, O	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
N,N-Dimethylaniline C6H5N(CH3)2	ND	Х	Х	С	ND	Х	ND	Α	ND	В	В	В	ND	ND	Х	ND	Α	Α	Α	ND
n-Amyl Amine (1- Aminopentane) CH3(CH2)4NH2	ND	Х	С	Х	ND	X	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphtha (Petroleum Spirits) (Thinner) Petroleum fractions	С	Х	Α	Х	А	А	ND	Α	А	С	А	В	А	А	Х	А	А	А	А	А
Naphtha Coal Tar (Benzol) Hydrocarbons	Х	X	Х	Х	ND	Α	ND	А	А	ND	А	В	А	А	ND	ND	ND	ND	ND	ND
Naphthalene (Tar Camphor) C10H8	С	Х	Х	Х	С	Α	ND	Α	Α	С	В	А	А	А	А	Α	Α	Α	Α	В
Naphthoic Acid C11H8O2	ND	ND	В	Х	ND	Α	ND	А	ND	ND	В	В	А	В	ND	ND	ND	ND	ND	ND
n-Butyl Acetate CH3CO2(CH2)3CH3	ND	Х	Х	Х	ND	Х	ND	А	ND	А	А	А	А	А	ND	ND	ND	ND	ND	ND
Neatsfoot Oil	ND	ND	Α	С	ND	Α	ND	Α	ND	В	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND
Neohexane (2,2- dimethylbutane) C6H14	ND	ND	Α	ND	ND	А	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Neosol	Χ	Α	Α	В	ND	С	ND	Α	ND	ND	В	В	Α	Α	ND	ND	ND	ND	ND	ND
Neville Acid	ND	С	С	С	ND	В	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane C6H14	В	В	Α	Х	Α	Α	ND	А	А	А	А	А	А	А	C ^{140°}	С	Α	А	А	В
n-Hexane 1 (Hexylene) H2CCH(CH2)3CH3	Α	В	Α	Х	ND	Α	ND	А	ND	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel Acetate Ni(CH3CO2)2	ND	В	В	Α	ND	Х	ND	Α	ND	А	^{10%} B	ND	А	ND	А	ND	Α	ND	ND	ND
Nickel Chloride NiCl2	Α	Α	Α	Α	Х	Α	А	Α	А	Α	Х	Х	В	80%A ^{200°}	A	В	Α	В	А	А
Nickel Nitrate Ni(NO3)2 • 6H2O	ND	Α	Α	Α	ND	Α	ND	А	ND	ND	Х	ND	А	В	А	ND	Α	Α	Α	Α
Nickel Sulfate NiSO4	Α	Α	Α	Α	ND	А	Α	А	А	Α	Х	Х	^{40%} A	В	А	Α	Α	В	Α	А
Nitrana (Ammonia Fertilizer)	ND	В	В	ND	ND	С	ND	Α	ND	ND	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND
Nitric Acid — 10% HNO3	С	В	Х	В	С	Α	ND	Α	Α	А	А	Х	А	А	А	ND	Α	Х	Х	A ^{140°}
Nitric Acid — 25% HNO3	С	С	Χ	В	Χ	Α	ND	Α	Α	^{20%} B	Χ	Х	^{30%} A	^{30%} A	Α	ND	Α	Х	Х	A ^{140°}
Nitric Acid — 35% HNO3	С	Х	Х	С	Х	Α	А	А	А	ND	Х	Х	^{50%} A	^{50%} A	В	ND	Α	Х	Х	C ^{140°}
Nitric Acid — 70% HNO3	Х	Х	Х	Х	Х	А	ND	Α	Α	ND	ND	Х	А	Х	ND	ND	Α	Х	Х	Х
Nitric Acid (Conc.) HNO3	Χ	Х	Х	Х	Х	В	ND	А	Α	С	А	Х	А	^{40%} A	Х	ND	A ^{120°}	Х	Х	ND
Nitric Acid (Red Fuming)	Х	Х	Χ	Χ	Χ	В	Х	Α	Α	Х	Α	Х	Α	В	Х	ND	С	ND	ND	Х
_		-						0=-			t shown									

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CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Nitric Acid —50% HNO3	С	Х	Х	Х	Х	Α	ND	А	А	С	Х	Х	А	Х	С	ND	Α	Х	Х	Х
Nitrobenzene C6H5NO2	Х	Х	Х	Х	Х	В	А	Α	Α	В	А	А	А	55%B ^{212°}	В	В	A ^{70°}	В	А	Х
Nitroethane C2H5NO2	ND	С	Х	С	ND	Х	ND	Α	ND	А	Α	А	А	А	С	ND	A ^{70°}	ND	ND	ND
Nitrogen Tetroxide N2O4	ND	Х	Х	Х	50%B	С	ND	Α	А	ND	А	В	А	А	Х	ND	С	ND	ND	ND
Nitromethane CH3NO2	ND	С	Х	С	Х	Х	ND	Α	А	Α	А	А	А	А	С	A ^{120°}	В	Α	ND	ND
N-Methyl Aniline C6H5NHCH3	ND	Х	Х	ND	ND	С	ND	А	ND	ND	ND	ND	ND	ND	С	ND	ND	ND	ND	ND
n-Octane C8H18	ND	ND	Α	Х	ND	А	ND	Α	ND	В	ND	ND	ND	ND	Х	ND	Α	А	ND	ND
n-Propyl Acetate CH3COO • (CH2)2CH3	ND	Х	Х	Α	ND	Х	ND	А	ND	В	Α	ND	Α	А	С	ND	Α	ND	ND	ND
n-Propyl Nitrate (NPN) CH3(CH2)2NO3	ND	ND	Α	В	ND	С	А	А	ND	В	Α	Х	ND	ND	ND	ND	ND	ND	ND	ND
o-Chlorophenol C6H5CIO	ND	Х	Х	Х	ND	В	ND	А	ND	ND	В	В	В	В	ND	В	Α	Х	А	ND
Octachlorotoluene C7Cl8	ND	Х	Х	ND	ND	Α	ND	А	ND	ND	Х	ND	ND	ND	Х	ND	ND	ND	ND	ND
Octadecane CH3(CH2)16CH3	Α	В	Α	Х	ND	Α	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Octyl (Caprylic Alcohol) C8H17OH	ND	Α	В	ND	ND	Α	ND	Α	ND	В	А	ND	Α	А	А	ND	В	ND	ND	ND
Octyl Acetate CH3COO • (CH2)7CH3	ND	ND	Х	ND	ND	Х	ND	Α	ND	ND	А	ND	А	ND	ND	ND	ND	ND	ND	ND
o-Dichlorobenzene C6H4Cl2	Х	Х	Х	Х	Х	Α	ND	А	ND	X	Х	В	В	А	В	ND	A ^{150°}	ND	Х	ND
o-Dichlorobenzene C6H4Cl2	ND	Х	Х	ND	ND	Α	ND	А	ND	X	Х	А	А	ND	Х	ND	ND	ND	ND	ND
Oleic Acid (Red Oil) C18H34O2	Х	Х	С	С	Α	В	А	Α	А	ND	А	С	В	А	В	В	Α	В	А	А
Olein (Triolene) C57H104O6	ND	С	В	ND	ND	ND	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oleum (Fuming Sulfuric Acid) H2SO4/SO3	ND	Х	С	ND	X	Α	ND	Α	ND	Х	Х	Х	А	ND	Х	ND	Х	ND	ND	Х
Olive Oil	Α	С	Α	С	ND	Α	ND	Α	ND	В	Α	Α	Α	Α	А	Α	Α	Α	ND	A ^{140°}
Oxalic Acid (Mixed glycerides of acids) (COOH)2	ND	В	С	А	Х	С	А	Α	Α	А	В	Х	^{90%} B	В	А	Х	A ^{120°}	В	А	A ^{140°}
Ozone O3	Α	В	Х	Α	С	Α	А	Α	Α	Α	^{10%} A	^{0%} A	А	А	Х	С	Α	Х	ND	В
Paint Thinner, DUCO Hydrocarbons	Х	С	Α	Х	ND	В	ND	А	ND	С	X	ND	А	А	Х	ND	ND	ND	ND	ND
Data lin											t shown			70°F (21°		ıbient.				

				EL	AST	OM	ERS				M	ETAL	PAR	TS			PLA:	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Paints & Solvents	ND	Χ	Χ	ND	ND	ND	ND	Α	ND	ND	Х	ND	Α	Α	ND	ND	ND	ND	ND	ND
Palm Oil Mixture of terpenes	ND	С	Α	ND	ND	Α	ND	Α	ND	В	ND	Α	Α	А	ND	ND	ND	ND	ND	A ^{140°}
Palmitic Acid CH3(CH2)14 COOH	Α	С	В	В	Α	В	Α	А	А	В	В	В	Α	ND	А	ND	Α	С	ND	ND
Paraffins (Paraffin Oil) Hydrocarbons	ND	ND	Α	ND	ND	ND	ND	Α	Α	Α	А	ND	Α	А	А	Α	ND	Α	ND	Α
Paraformaldehyde (CH2O)n	ND	В	В	ND	ND	С	ND	Α	ND	ND	^{10%} A	А	А	Α	ND	ND	ND	ND	ND	ND
Paraldehyde C6H12O3	ND	В	С	Α	ND	Х	ND	А	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Peanut Oil Glycerides of fatty acids	С	В	Α	Х	ND	Α	ND	Α	ND	В	ND	Α	Α	Α	A ^{70°}	ND	Α	ND	ND	ND
Pentachloroethane (Pentalin) CI2 • CHCCI3	ND	X	Х	ND	ND	Α	ND	Α	ND	ND	Х	А	А	А	ND	ND	ND	ND	ND	ND
Pentachlorophenol (PCP) C6CI5OH	ND	Х	Х	Х	ND	Α	ND	Α	Α	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Pentane (Amyl Hydride) C5H12	ND	В	Α	Х	В	Α	ND	Α	Α	Α	Α	В	В	ND	ND	ND	ND	Α	ND	ND
Peppermint Oil	ND	Χ	Χ	ND	ND	Α	ND	Α	ND	С	ND	ND	Α	ND	ND	ND	ND	ND	ND	С
Perchloric Acid HCIO4	ND	В	Х	В	Х	Α	Α	^{70%} A	А	С	Х	Х	В	ND	ND	С	Α	Х	Α	A ^{140°}
Perchloroethylene (Tetrachloroethylene) C2Cl4	Х	Х	Х	Х	Х	А	ND	Α	Α	X	X	В	^{90%} A	В	Х	А	Α	С	Α	ND
Petroleum (Crude Oil) (Sour) Hydrocarbons	С	С	В	Х	O	А	Α	Α	Α	ND	В	В	А	А	Х	А	Α	А	ND	А
Phenethyl Alcohol (Benzyl Carbinol) C6H5(CH2)2OH	Х	Х	Х	В	ND	Х	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Phenol (Carbolic Acid) C6H5OH	Х	С	Х	С	Х	Α	ND	Α	Α	Α	В	Α	В	А	С	Х	A ^{100°}	Х	Α	С
Phenyl Acetate CH3COOC6H5	Х	Х	Х	В	ND	Х	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenyl Ethyl Ether (Phenetole) C6H5OC2H5	ND	Х	Х	Х	ND	С	ND	Α	ND	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenyl Hydrazine C6H5NHNH2	ND	Χ	Х	Х	ND	Α	ND	Α	ND	В	А	Х	ND	ND	Х	ND	A ^{120°}	ND	ND	ND
Phenyl Sulfonic Acid C6H4(OH)SO3H	ND	ND	Х	ND	ND	Х	ND	А	ND	ND	В	В	В	ND	ND	ND	ND	ND	ND	ND
Phenylbenzene C6H5	ND	Х	Х	ND	ND	Α	ND	А	ND	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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					AST	OME	ERS				MI	ETAL	PAR	S		أكم	PLAS	710	~	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Phorone (Diisopropylidene Acetone) C9H14O	ND	Х	X	С	ND	А	ND	А	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phosphoric Acid — 10% H3PO4	А	В	А	А	ND	А	ND	А	В	А	×	X	А	ND	A ^{120°}	ND	А	Х	Α	A ^{140°}
Phosphoric Acid — 20% H3PO4	А	В	С	А	ND	А	ND	А	В	А	Х	Х	A ^{212°}	А	A ^{120°}	ND	Α	Х	А	A ^{140°}
Phosphoric Acid — 50% H3PO4	А	В	Х	В	ND	А	Х	А	В	45%B	Х	Х	А	С	A ^{120°}	ND	Α	Х	А	A ^{140°}
Phosphoric Acid (Conc.) H3PO4	С	В	Х	В	Х	А	ND	А	С	ND	Х	Х	A ^{212°}	ND	A ^{120°}	ND	Α	Х	А	A ^{140°}
Phosphorus Oxychloride POCl3	ND	Х	ND	ND	ND	ND	ND	А	ND	ND	В	В	В	В	ND	ND	ND	ND	ND	ND
Phosphorus Trichloride PCI3	ND	Х	Х	А	ND	А	ND	А	ND	В	С	В	А	А	Х	ND	А	ND	А	A ^{140°}
Photographic Developer	ND	Α	Α	ND	Х	Α	ND	ND	ND	Α	С	Х	Α	А	А	С	Α	В	Α	A ^{140°}
Pickling Solution	С	Х	ND	Х	ND	В	ND	А	ND	А	ND	ND	ND	А	ND	ND	ND	ND	ND	А
Picric Acid (Carbazotic Acid) (NO2)3 • C6H2OH	В	В	В	В	Х	А	ND	А	А	В	А	С	А	В	В	ND	А	Х	ND	A ^{140°}
Pine Oil (Yarmor) Cyclic terpene alcohols	ND	Х	В	Х	ND	А	ND	А	ND	С	А	В	А	ND	ND	ND	ND	ND	ND	С
Pinene C10H16	С	Х	В	Х	ND	А	ND	А	А	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Piperidine C5H11N	ND	Х	Х	Х	ND	Х	ND	А	А	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Plating Solution — Cadmium	ND	ND	В	В	ND	ND	ND	ND	А	ND	А	ND	ND	А	ND	Х	ND	В	А	ND
Plating Solution — Chrome	Х	Х	Х	С	ND	Α	ND	А	ND	А	ND	ND	ND	ND	A ^{131°}	X	ND	В	Х	A ^{140°}
Plating Solution — Lead	ND	В	В	ND	ND	ND	ND	Α	ND	А	ND	ND	ND	ND	ND	Α	ND	В	Х	C ^{140°}
Plating Solution — Others	ND	С	Α	Α	ND	В	ND	Α	ND	А	ND	ND	Α	ND	ND	ND	ND	ND	ND	A ^{140°}
Polyvinyl Acetate Emulsion PVac + H2O	ND	С	ND	А	ND	ND	ND	А	ND	А	ND	В	ND	ND	ND	ND	А	ND	ND	ND
Potassium Acetate CH3CO2K	ND	В	В	А	ND	Х	ND	А	А	А	^{10%} B	А	В	В	А	ND	А	ND	ND	ND
Potassium Bicarbonate KHCO3	ND	А	А	ND	ND	А	ND	А	ND	А	В	50%B	^{30%} A	50%B	А	ND	А	А	А	А
Potassium Bisulfate KHSO4	ND	А	А	ND	ND	А	ND	А	ND	ND	^{10%} A	Х	^{10%} A	ND	А	ND	А	ND	ND	Α
Potassium Bisulfite KHSO3	ND	А	А	ND	ND	А	ND	А	ND	ND	^{10%} B	ND	^{10%} B	^{90%} B	ND	ND	ND	ND	ND	ND
Potassium Bromide KBr	ND	А	А	А	ND	А	ND	А	ND	А	А	^{80%} B ^{212°}	° 90%B ²¹² °	70%A ^{167°}	" A	ND	Α	Α	Α	ND
Potassium Carbonate (Potash) K2CO3	С	А	А	А	ND	А	ND	А	А	А	Х	В	В	^{90%} A	А	В	А	С	А	А
Data lir												n tempera	ature is 7			ıbient.				

				EL	AST	OMI	ERS				M	ETAL	PAR	TS			PLA	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Potassium Chlorate KClO3	ND	Α	Α	Α	ND	Α	ND	Α	ND	Α	Х	В	^{60%} A	^{20%} A	А	В	Α	В	А	А
Potassium Chloride KCI	Α	Α	Α	Α	ND	Α	ND	А	ND	Α	Х	В	А	^{30%} A ^{167°}	Α	В	А	В	А	А
Potassium Chromate K2CrO4	ND	Α	Α	ND	ND	^{50%} A	Α	Α	Α	Α	А	А	А	ND	А	ND	А	А	ND	A ^{140°}
Potassium Copper Cyanide K3[Cu(CN)4]	Α	Α	Α	Α	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	А	ND	А	ND	ND	ND
Potassium Cyanide KCN	Α	Α	Α	Α	ND	Α	Α	А	Α	Α	С	В	90%B ²¹²	30%B	А	С	А	А	А	A ^{140°}
Potassium Dichromate K2Cr2O7	Α	Α	Α	Α	ND	Α	А	Α	Α	Α	А	А	А	^{25%} B	Α	С	А	Х	А	А
Potassium Hydroxide (Caustic Potash) (Lye) KOH	В	В	В	Α	С	В	ND	Α	В	А	Х	В	А	^{50%} B	А	С	A ^{150°}	В	А	A ^{140°}
Potassium lodide KI	ND	Α	Α	Α	ND	Α	ND	А	ND	ND	^{10%} B	ND	В	В	А	ND	А	ND	ND	В
Potassium Nitrate (Saltpeter) KNO3	А	А	Α	А	ND	А	ND	А	Α	А	^{80%} A	В	^{80%} B ^{212°}	80%B ^{212°}	A	В	А	В	А	А
Potassium Nitrite KNO2	Α	Α	Α	Α	В	Α	ND	Α	ND	ND	В	В	В	В	ND	ND	ND	ND	ND	ND
Potassium Permanganate (Purple Salt) KMnO4	ND	С	С	Α	Х	В	ND	Α	Α	А	^{10%} A	В	^{30%} B ^{212°}	Å	В	А	А	Х	А	A ^{140°}
Potassium Phosphate KH2PO4	ND	Α	Α	Α	ND	Α	ND	Α	ND	ND	Х	Х	^{30%} B	10%B	ND	ND	ND	ND	ND	ND
Potassium Silicate K2Si2O5	ND	Α	Α	Α	ND	Α	ND	Α	ND	ND	В	В	В	В	ND	ND	ND	ND	ND	ND
Potassium Sulfate K2SO4	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	В	В	А	А	А	В	А	В	А	Α
Potassium Sulfide K2S	Α	Α	Α	Α	ND	Α	ND	Α	ND	ND	Х	В	В	^{10%} B	Α	ND	А	А	А	A ^{140°}
Potassium Sulfite K2SO32H2O	ND	Α	Α	Α	ND	Α	ND	Α	ND	ND	А	Х	^{50%} B	ND	Α	ND	А	ND	ND	A ^{140°}
Propane (LPG) C3H8	В	В	Α	Х	В	Α	А	Α	Α	С	А	А	А	А	Х	Α	А	С	ND	А
Propionaldehyde (Propanal) C2H5CHO	ND	ND	Х	ND	ND	Х	ND	А	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Propionic Acid (Methylacetic Acid) CH3CH2CO2H	ND	Х	Х	Α	ND	Х	ND	Α	ND	ND	А	Х	В	^{90%} A	ND	ND	ND	ND	ND	ND
Propyl Alcohol (1-Propanol) C3H7OH	Х	Α	Α	Α	ND	Α	ND	А	ND	Α	А	А	А	А	А	А	А	Х	А	A ^{170°}
Propylene C3H6	ND	Х	Х	Х	ND	Α	ND	Α	Α	В	А	А	А	А	ND	ND	ND	ND	ND	ND

				EL	AST	OMI	ERS				M	ETAL	PAR	TS			PLAS	SHC	5	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Propylene Dichloride CH3CH(CI)CH2CI	ND	Χ	Х	Х	ND	В	ND	Α	ND	ND	Х	А	А	В	ND	ND	ND	ND	ND	Х
Propylene Glycol (Methyl Glycol) C3H6(OH)2	ND	С	Α	Α	ND	А	ND	Α	ND	А	А	А	А	А	А	А	А	В	А	A ^{140°}
Propylene Oxide C3H6O	ND	Х	ND	С	ND	Х	ND	Α	ND	Α	В	В	А	ND	Х	ND	Х	ND	ND	ND
Pydraul (Phosphate Eser Base Fluid)	Х	Х	Х	В	Α	Α	ND	Α	ND	Α	ND	А	А	А	ND	ND	ND	С	ND	ND
Pyranol	ND	Χ	Α	ND	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyridine N(CH)4CH	Х	Х	Х	С	Х	Х	ND	А	ND	А	А	В	А	50%A ^{100°}	С	Α	Х	Х	А	А
Pyroligneous Acid (Wood Vinegar)	ND	С	С	С	ND	Α	ND	Α	ND	ND	В	Х	^{10%} A	ND	А	Х	Α	Х	А	ND
Pyrrole (Azole) C4H5N	ND	Χ	Χ	Х	ND	О	ND	Α	ND	С	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Quaternary Ammonium Salts NH4 (X)	ND	Α	Α	ND	ND	А	ND	Α	ND	ND	ND	X	Α	ND	ND	ND	ND	ND	ND	ND
Quench Oil	ND	В	В	ND	ND	Α	ND	Α	ND	ND	Α	ND	Α	Α	ND	ND	ND	ND	ND	ND
Rape-Seed Oil (Colza Oil)	С	С	В	Α	ND	Α	ND	Α	ND	В	ND	Α	Α	Α	ND	ND	ND	ND	ND	ND
Rose Oil Geraniol, citronellol	ND	С	ND	ND	ND	Α	ND	Α	ND	А	ND	ND	А	ND	ND	ND	ND	ND	ND	ND
Rosin C20H30O2	ND	С	Α	ND	ND	ND	ND	А	ND	А	А	ND	А	А	А	В	ND	Α	ND	Α
Rosin Oil (Rosinol)	ND	Α	Α	ND	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rotenone C23H22O6	ND	Α	Α	Α	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rubber Latex Emulsions (C5H8)n/H2O	ND	ND	ND	ND	ND	Α	ND	Α	ND	ND	Α	ND	А	А	ND	ND	ND	ND	ND	ND
Rubber Solvents (Petroleum Distillate) Hydrocarbons	ND	С	Х	ND	ND	Х	ND	Α	ND	ND	А	ND	А	А	ND	ND	ND	ND	ND	ND
Rum Alcoholic liquor from molasses	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rust Inhibitors	ND	С	Α	ND	ND	Α	ND	ND	ND	В	ND	ND	А	ND	Α	ND	ND	ND	ND	ND
Sal Ammoniac (Ammonium Chloride) NH4CI	Α	А	Α	Α	Α	А	Α	Α	ND	А	Х	Х	В	А	А	Х	А	В	А	ND
Sal Soda (Sodium Carbonate) NaCO3	ND	Α	А	Α	ND	Α	ND	Α	ND	ND	Х	А	Α	А	ND	ND	ND	ND	ND	ND
Salad Dressing Fats, oils, water	ND	ND	Α	ND	ND	Α	ND	ND	ND	Α	В	Х	А	ND	А	ND	ND	ND	ND	ND
Salicylic Acid HOC6 • H4COOH	ND	В	В	Α	ND	В	ND	Α	ND	ND	Α	Х	В	А	Α	ND	Α	Α	ND	A ^{140°}
Data lin											ot shown			70°F (21°		ıbient.	•	•		

				EL	AST	OMI	ERS				MI	ETAL	PAR	TS			PLAS	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Salt Water (Brine) NaCl/H2O	Α	В	Α	Α	Α	Α	ND	А	Α	Α	В	Х	А	А	Α	ND	Α	ND	ND	ND
Sea Water (Brine)	Α	В	Α	Α	Х	Α	А	А	ND	Α	А	С	А	А	Α	А	Α	Α	Α	A ^{140°}
Sesame Seed Oil Olein, stearin, palmitin	ND	С	Α	ND	ND	Α	ND	Α	ND	В	ND	А	А	ND	ND	ND	ND	ND	ND	ND
Sewage	Х	В	Α	С	В	Α	Α	Α	Α	Α	В	В	Α	Α	Α	ND	Α	ND	ND	ND
Silicate Esters Si(OR)4	Α	Α	В	Х	С	Α	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silicone Oils (Versilube Etc.) (CH3)2SiO2]n	Α	С	Α	Α	Α	Α	ND	А	ND	С	В	В	А	А	Α	ND	Α	Α	Α	Α
Silver Cyanide AgCN	ND	Α	ND	ND	ND	ND	ND	А	ND	ND	X	А	А	А	Α	ND	Α	ND	ND	A ^{140°}
Silver Nitrate AgNO3	Α	Α	В	Α	ND	Α	ND	А	А	А	X	Х	^{60%} A	^{60%} A	Α	Α	Α	Α	Α	Α
Skydrol Hydraulic Fluid®	ND	Χ	Χ	Α	Α	С	ND	Α	ND	В	ND	ND	Α	Α	ND	ND	ND	С	ND	ND
Soap Solutions (Phosphate Ester Base) Salt of fatty acid in H2O	А	В	А	А	А	Α	Α	Α	Α	Α	С	X	А	А	А	А	А	А	А	А
Soda Ash (Sodium Carbonate) Na2CO3	ND	Α	Α	Α	В	А	А	А	Α	Α	Х	А	А	А	ND	ND	ND	ND	ND	ND
Sodium Acetate CH3COONa	Х	С	С	Α	ND	Х	ND	Α	ND	Α	А	Α	А	А	А	Α	Α	В	Α	А
Sodium Aluminate Na2Al2O4	ND	Α	А	ND	ND	Α	ND	А	ND	Α	ND	^{50%} A	^{50%} A	^{10%} B	Α	ND	Α	А	ND	ND
Sodium Bicarbonate (Baking Soda) NaHCO3	ND	Α	Α	Α	В	Α	Α	Α	Α	А	В	С	^{20%} A	^{20%} A	А	Х	А	В	А	А
Sodium Bisulfite (Cream of Tartar) NaHSO3	ND	А	С	А	В	А	ND	Α	ND	А	В	^{20%} B	^{50%} A	В	А	Х	А	Х	ND	А
Sodium Bisulfite (Niter Cake) NaHSO4	ND	А	А	А	В	А	Α	Α	ND	А	^{50%} B	С	^{50%} B	В	А	С	А	В	А	А
Sodium Borate Na2B4O7	ND	Α	Α	Α	В	Α	ND	А	ND	Α	В	ND	Α	А	A ^{140°}	С	Α	Α	Α	Α
Sodium Bromide NaBr	ND	ND	ND	ND	ND	ND	ND	Α	ND	ND	С	С	^{30%} B	50%B	А	ND	Α	Α	ND	A ^{140°}
Sodium Chlorate NaClO3	ND	В	Α	Α	ND	Α	ND	А	Α	Α	^{70%} B ^{212°}	В	В	^{70%} B ^{212°}	Α	В	Α	В	Α	A ^{140°}
Sodium Chloride (Table Salt) NaCl	А	А	Α	Α	А	А	Α	Α	Α	А	В	^{30%} B	А	А	А	А	А	А	А	A ^{140°}
Sodium Chromate Na2CrO4	ND	Α	Α	ND	Α	Α	ND	А	Α	80%A ^{212°}	^{60%} A	^{60%} A	^{60%} A	А	ND	Α	Α	ND	ND	ND
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				EL	AST	ОМІ	ERS				MI	ETAL	PAR	TS		ŀ	PLAS	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Sodium Cyanide NaCN	ND	Α	Α	Α	А	А	А	А	А	А	Х	А	А	ND	Α	С	Α	В	Α	Α
Sodium Dichromate (Sodium Bichromate) Na2Cr2O7 • 2H2O	Α	В	ND	А	^{20%} X	Α	ND	Α	ND	ND	ND	ND	ND	ND	Α	ND	А	Х	А	A ^{140°}
Sodium Fluoride NaF	ND	Α	Α	Α	ND	Α	ND	А	ND	ND	^{30%} B	ND	^{10%} B	^{10%} B	Α	ND	Α	Α	ND	A ^{140°}
Sodium Hexametaphosphate (Calgon) (NaPO3)6	В	В	В	В	ND	Α	ND	Α	ND	ND	С	В	В	А	ND	ND	ND	ND	ND	ND
Sodium Hydroxide (Caustic Soda) (Lye) NaOH	С	В	В	Α	Х	Х	ND	Α	Α	^{50%} A	Х	^{50%} B	^{50%} A	^{70%} B ^{212°}	А	Х	А	С	Х	A ^{140°}
Sodium Hypochlorite NaClO	Х	В	Х	С	^{5%} A	В	А	А	А	^{20%} A	Х	X	Х	^{10%} B	Х	Х	Α	С	Х	A ^{140°}
Sodium Metaphosphate (Kurrol's Salt) Na(PO3)H	В	С	В	Α	ND	Α	ND	Α	Α	А	Х	ND	В	А	Х	В	ND	А	ND	А
Sodium Metasilicate Na2SiO3	ND	Α	Α	ND	ND	Α	ND	ND	ND	Α	В	ND	А	А	А	В	А	ND	ND	ND
Sodium Nitrate (Chile Saltpeter) NaNO3	ND	В	С	Α	В	Α	Α	Α	Α	А	^{90%} A	^{90%} A	^{90%} A	^{30%} A	Α	Α	А	В	А	А
Sodium Nitrite NaNO2	ND	Х	Α	ND	ND	Α	ND	А	ND	ND	А	А	А	А	Α	ND	Α	ND	ND	A ^{140°}
Sodium Perborate NaBO3	ND	В	С	Α	В	А	А	А	Α	А	Х	^{10%} B	А	^{10%} B	Α	В	Α	В	ND	Α
Sodium Peroxide (Sodium Dioxide) Na2O2	Х	В	В	В	В	А	А	Α	Α	В	^{10%} B	^{90%} A	^{10%} B	^{10%} B	В	Х	А	Х	ND	A ^{140°}
Sodium Phosphate (Tribasic) (TSP) Na3PO4	Α	В	В	Α	В	Α	А	Α	В	А	Х	B ^{167°}	В	А	А	ND	А	В	ND	А
Sodium Silicates (Water Glass) Na2O • SiO2	ND	Α	Α	Α	А	Α	ND	Α	В	A	А	А	А	В	А	ND	А	А	А	А
Sodium Sulfate (Salt Cake) (Thenardite) Na2SO4	А	В	Α	Α	А	Α	А	Α	Α	А	^{30%} B	В	А	А	А	ND	А	В	А	ND
Sodium Sulfide (Pentahydrate) Na2S • 5H2O	А	А	Α	Α	Α	Α	А	Α	Α	А	30%A ^{212°}	В	30%A ^{167°}	50%B ^{212°}	А	Α	А	В	А	ND
Sodium Sulfite Na2SO3	Α	Α	Α	Α	А	Α	ND	А	ND	ND	^{30%} A	Х	^{30%} A	^{30%} B ^{212°}	А	А	Α	В	Α	ND
Sodium Tetraborate Na2B4O7 • 10H20	ND	ND	ND	Α	ND	В	Α	ND	Α	ND	А	ND	ND	А	ND	С	ND	Α	В	Α
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				EL	AST	OM	RS				M	ETAL	PAR	TS		ŀ	PLA:	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Sodium Thiosulfate (Antichlor) Na2S2O3	Α	А	Α	Α	ND	Α	Α	А	А	ND	А	С	A ^{122°}	B ^{122°}	А	В	А	В	Α	ND
Sorgum	ND	ND	Α	Α	ND	ND	ND	ND	Α	ND	Α	ND	Α	Α	Α	ND	ND	ND	ND	ND
Soy Sauce Fermented soya bean/wheat	ND	ND	Α	Α	ND	ND	ND	ND	Α	ND	А	ND	Х	А	ND	ND	ND	ND	ND	ND
Soybean Oil Triglycerides of acids	ND	С	Α	Α	С	Α	Α	А	Α	А	В	А	А	А	А	В	В	ND	Α	Α
Sperm Oil (Whale Oil) Fatty acid esters	ND	Х	Α	ND	ND	Α	ND	Α	ND	В	ND	А	А	А	ND	ND	ND	ND	ND	ND
Stannic Chloride (Tin Chloride) SnCl4	В	В	Α	В	В	Α	Α	Α	А	А	Х	С	^{10%} A	В	А	ND	Α	В	Α	ND
Stannous Chloride (Tin Chloride) SnCl2	В	А	Α	В	^{15%} B	Α	ND	Α	ND	ND	Х	В	^{10%} A	А	А	ND	А	В	Α	ND
Starch *SEE NOTE BELOW C6H10O5	ND	Α	Α	В	В	С	ND	Α	А	Α	А	С	А	А	А	В	ND	А	А	ND
Stearic Acid CH3(CH2)16 CO2H	Α	B ^{158°}	В	В	В	Α	Α	Α	А	В	С	С	А	В	А	С	Α	Α	ND	ND
Stoddard Solvent Petroleum distillate	Α	С	Α	Х	Α	ND	Α	Α	ND	С	А	А	А	Х	А	А	Х	Α	ND	ND
Styrene (Vinylbenzene) C6H5CHCH2	С	Х	Χ	Х	Х	Α	ND	Α	А	С	А	А	А	А	ND	ND	Α	Α	ND	ND
Sucrose Solution (Sugar) C12H22O11/H2O	Х	Α	Α	Α	Α	Α	ND	Α	ND	Α	Α	А	А	А	ND	ND	ND	ND	ND	ND
Sulfamic Acid H2NSO3H	ND	Α	В	ND	Α	ND	ND	Α	ND	ND	^{10%} A	Х	Х	ND	Х	ND	Х	ND	ND	ND
Sulfate Dodecahydrate) KAI(SO4)2•12H2O	ND	Α	Α	Α	ND	Х	ND	Α	Α	Α	ND	ND	В	В	А	ND	Α	С	ND	A ^{140°}
Sulfite Liquors	ND	ND	В	Α	С	В	Α	ND	Α	ND	Α	ND	ND	ND	Α	ND	ND	ND	ND	ND
Sulfur S	ND	В	В	Х	Α	Α	Α	Α	А	ND	Α	А	А	А	В	А	Α	Α	Α	Α
Sulfur Chloride S2Cl2	ND	Х	С	Х	С	Α	Α	А	А	Х	В	Х	В	А	Х	ND	Α	С	ND	ND
Sulfur Dioxide SO2	В	Α	Х	В	Х	Α	Α	Α	Α	Α	А	В	^{10%} A	^{80%} A	А	В	Α	С	Α	ND
Sulfur Hexafluoride SF6	ND	Α	В	Α	Α	Α	Α	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfur Trioxide SO3	В	С	С	С	Х	Α	Α	Α	Α	С	В	В	В	В	Х	ND	Х	Α	ND	ND
Sulfuric Acid (Conc.) H2SO4	Х	Х	Х	С	ND	Α	ND	Α	В	^{98%} B	Х	В	В	А	Х	ND	A ^{120°}	Х	ND	ND
Sulfuric Acid (Fuming) H2SO4	Х	Х	Х	Х	Х	В	Α	Α	ND	ND	С	Х	В	В	ND	ND	ND	ND	ND	ND

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CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Sulfuric Acid 10% H2SO4	В	А	В	А	А	А	А	А	А	А	Х	Х	А	А	А	ND	А	Х	Х	ND
Sulfuric Acid 25% H2SO4	Х	В	С	В	А	А	А	А	А	А	Х	Х	В	А	А	ND	A ^{150°}	X	Х	ND
Sulfuric Acid 50% H2SO4	Х	В	С	В	А	А	А	А	А	А	Х	Х	Х	А	А	ND	A ^{150°}	X	Х	ND
Sulfuric Acid 60% H2SO4	Х	С	Х	В	Х	А	А	А	А	А	Х	Х	Х	А	А	ND	A ^{150°}	X	Х	ND
Sulfuric Acid 75% H2SO4	Х	Х	Х	С	Х	А	А	А	А	А	Х	С	С	А	А	ND	A ^{150°}	×	Х	ND
Sulfuric Acid 95% H2SO4	Х	Х	Х	С	Х	А	А	А	В	А	Х	В	А	А	Х	ND	A ^{120°}	×	Х	ND
Sulfurous Acid H2SO3	Х	Х	В	С	С	А	А	А	А	А	В	Х	В	В	А	Х	А	Х	Α	A ^{140°}
Tall Oil (Liquid Rosin) Rosin acids	ND	В	А	Х	ND	А	ND	А	ND	А	Х	B ^{212°}	В	А	А	ND	А	ND	ND	ND
Tallow Fat from cattle, sheep	ND	ND	А	ND	ND	А	ND	А	ND	В	А	ND	А	ND	В	С	ND	Α	ND	Α
Tannic Acid C76H52O46	А	В	С	С	^{10%} A	А	А	А	А	А	А	А	А	^{10%} B	А	Х	А	А	Α	ND
Tanning Liquors Tannic acid	ND	В	А	ND	ND	ND	ND	А	ND	А	А	ND	А	А	А	Х	ND	ND	ND	A ^{140°}
Tar, Bituminous(Coal Tar) (Pitch) Mixture of aromatic & phenolic hydrocarbons	ND	С	В	х	х	А	А	А	А	В	А	ND	А	А	А	Α	ND	С	ND	ND
Tartaric Acid C4H6O6	А	А	В	В	В	А	А	А	А	А	^{20%} A	Х	А	^{90%} A	А	Х	А	А	А	ND
Terpenes C10 hydrocarbons	С	Х	С	Х	ND	А	ND	А	ND	ND	А	Х	ND	ND	ND	ND	ND	ND	ND	А
Terpineol (Terpilenol) C10H18O	Х	Х	С	С	ND	А	ND	А	ND	В	А	А	А	А	Х	ND	B ^{120°}	ND	ND	ND
Tertiary Butyl Alcohol (CH3)3COH	ND	А	А	ND	ND	В	ND	А	ND	В	ND	ND	ND	ND	В	ND	ND	ND	ND	ND
Tertiary Butyl Catechol C9H14O2	ND	В	Х	ND	ND	А	ND	А	ND	В	С	В	В	ND	ND	ND	ND	ND	ND	ND
Tertiary Butyl Mercaptan C4H10S	ND	Х	Х	ND	ND	А	ND	А	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetra Bromomethane CBr4	ND	Х	Х	ND	ND	А	ND	А	А	Х	Х	ND	ND	ND	Х	ND	ND	ND	ND	ND
Tetrabutyl Titanate Ti(C4H9)	ND	А	В	В	ND	А	ND	А	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachlorodifluoroethane (CI2FC)2	ND	Х	Х	ND	ND	ND	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethane (Acetylene Tetrachloride) (CI2HC)2	ND	х	х	х	ND	А	ND	А	ND	Х	Х	А	С	90%A ^{212°}	°X	А	А	С	ND	ND
Data lir													ature is 7			ibient.				

				EL	AST	OMI	ERS				M	ETAL	PAR	TS			PLA:	STIC	55	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Tetrachloroethylene CI2C = CCI2	ND	ND	ND	ND	ND	ND	ND	ND	А	Х	ND	ND	ND	ND	ND	ND	Α	ND	ND	В
Tetraethyl Lead Pb(C2H5)4	ND	Х	В	Х	ND	В	ND	А	ND	С	В	Α	А	ND	А	ND	Α	ND	ND	A ^{140°}
Tetraethylene Glycol (TEG) HOCH2, (CH2OCH2)3CH2OH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran (THF) C4H8O	С	Х	Х	С	С	Х	ND	Α	Α	В	ND	ND	ND	ND	C ^{100°}	Α	B ^{70°}	Α	А	В
Tetrahydronaphthalene (Tetralin) C10H12	ND	X	Х	Х	ND	А	ND	Α	ND	ND	А	А	А	А	С	ND	ND	А	А	Х
Thionyl Chloride SOCI2	ND	Х	X	Х	ND	В	ND	А	А	В	С	А	А	^{10%} A	В	В	Х	Х	ND	С
Thiophene C4H4S	ND	Х	Х	Χ	ND	С	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Titanium Tetrachloride TiCl4	ND	Х	С	Х	ND	Α	ND	Α	Α	Х	Х	А	В	В	В	ND	В	А	ND	ND
Toluene (Toluol) C7H8	Х	X	С	Х	С	В	Α	А	А	С	А	А	А	А	Х	В	А	Α	А	Х
Toluene Diisocyanate CH3C6H3 (NCO)2	ND	Х	ND	Α	В	ND	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluidine CH3C6 • H4NH2	ND	ND	Х	ND	ND	В	ND	Α	ND	ND	А	А	А	А	ND	ND	ND	ND	ND	ND
Tomato Pulp & Juice	ND	ND	Α	ND	ND	ND	ND	Α	ND	Α	В	ND	Α	А	А	ND	Α	А	А	Α
Toothpaste	ND	С	Α	ND	ND	Α	ND	Α	ND	ND	ND	Х	Α	Α	ND	ND	ND	ND	ND	ND
Transformer Oil (Petroleum) Hydrocarbons	Х	С	В	Χ	ND	Α	ND	Α	ND	Х	Α	А	А	А	В	С	ND	Α	ND	Α
Transmission Fluid (Type A)	Α	С	Α	Χ	В	Α	ND	Α	ND	С	Α	Α	Α	Α	ND	ND	ND	ND	ND	ND
Triacetin C3H5, (OCOCH3)3	Х	В	Α	Α	ND	Х	ND	А	ND	Α	В	ND	ND	ND	ND	ND	ND	ND	ND	ND
Triallyl Phosphate P(OC3H5)3	С	С	Х	Α	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	В	ND	Α	Α	ND	ND
Triaryl Phosphate (C6H5O)3PO	ND	С	Х	ND	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tributyl Phosphate (TBP) (C4H9)3PO4	Х	Х	Х	С	С	Х	ND	Α	ND	В	А	А	А	ND	B ^{100°}	ND	A ^{100°}	В	ND	ND
Tributyoxyl Ethyl Phosphate (C4H9O)3P(C2H5)	Х	Х	Х	Α	ND	В	ND	А	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroacetic Acid (TCA) CCI3COOH	ND	В	С	С	Х	В	ND	А	А	В	Х	Х	Х	В	В	ND	В	Х	А	C ¹⁴⁰
Trichlorobenzenes C6H3Cl3	ND	Х	Х	ND	ND	В	ND	А	ND	ND	Х	А	А	В	ND	ND	ND	ND	ND	ND
Trichloroethane C2H3Cl3	Х	Х	Х	Х	ND	В	ND	А	ND	Х	Х	А	А	А	Х	ND	Α	Х	А	ND
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CHEMICAL FORMULA equation of the state of th	Neoprene	Nitrile	۸.		ırbon								(vir						
	T	Z	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
(Hi-Tri)® X C2HCl3	X	X	Х	Х	С	А	Α	А	X	X	В	90%A ^{167°}	А	Х	В	А	С	А	X
Trichloropropane ND CH2CICH CICH2CI	А	Х	ND	ND	В	ND	Α	ND	X	X	А	А	А	Х	ND	ND	ND	ND	ND
Tricresyl Alcohol (Tridecanol) ND C12H25 • CH2OH	ND	Α	ND	ND	В	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tricresyl Phosphate (Lindol) (TCP)® X (CH3C6H4O)3 • PO	С	X	А	С	С	ND	Α	Α	В	ND	А	В	А	В	ND	X	А	ND	ND
Triethanol Amine (TEA) X N(C2H4OH)3	Α	Χ	В	Χ	O	ND	Α	Α	Α	Α	А	А	А	А	В	X	А	А	Α
Triethyl Aluminum (ATE) ND AI(C2H5)3	Х	Х	ND	ND	В	ND	Α	А	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Triethyl Amine (CH3CH2)3N	В	Α	ND	ND	ND	ND	Α	ND	ND	ND	А	Α	А	С	ND	A ^{120°}	ND	ND	ND
Triethyl Borane (C2H5)3B	Х	Χ	ND	ND	Α	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Triethylene Glycol (TEG) (CH2OCH2CH2OH)2	ND	Α	ND	ND	Α	ND	А	ND	ND	ND	ND	ND	ND	А	ND	ND	А	ND	ND
Trimethylene Glycol HO(CH2)3OH	ND	А	А	ND	Α	ND	Α	ND	ND	Α	Α	А	А	ND	ND	ND	ND	ND	ND
Trinitrotoluene (TNT) CH3C6H2(NO2)3	В	Х	Х	ND	С	ND	А	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trioctyl Phosphate (C8H17O)3PO	Х	Х	А	ND	В	ND	Α	ND	В	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tung Oil (Wood Oil) Fatty acids	С	Α	Х	В	Α	ND	Α	А	В	А	ND	А	А	А	ND	ND	ND	ND	ND
Turpentine X	X	А	Х	В	Α	Α	Α	А	С	Α	А	А	А	Х	А	Α	В	А	С
Unsymmetrical Dimethyl (Hydrazine) (UDMN) ND H2NN(CH3)2	С	С	А	ND	Х	ND	А	ND	В	ND	ND	ND	ND	ND	ND	Α	ND	ND	ND
Urea (Carbamide) CO(NH2)2	В	В	ND	В	Α	ND	Α	ND	ND	В	ND	^{50%} B	ND	А	А	Α	Α	А	Α
Urine ND	Х	Α	ND	ND	Α	ND	Α	ND	А	А	Α	А	А	Α	С	Α	Α	ND	A ^{140°}
Valeric Acid CH3(CH2)3COOH	Х	Х	Α	ND	ND	ND	Α	ND	ND	А	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanilla Extract (Vanillin) C6H3(CHO) • (OCH3)(OH)	Х	Α	ND	ND	Х	ND	А	ND	ND	ND	ND	Α	ND	ND	ND	ND	ND	ND	A ^{140°}
Varnish Oil, gum resins, oil of turpentine	С	В	Х	ND	Α	ND	Α	Α	ND	А	ND	А	А	А	ND	Α	Х	ND	А
Vegetable Juices ND	С	Α	ND	ND	ND	ND	Α	ND	Α	С	ND	Α	ND	ND	ND	ND	ND	ND	ND
Vegetable Oils A	С	В	Α	ND	Α	ND	Α	ND	В	А	В	А	А	Х	ND	ND	Α	Α	Α
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				EL	AST	OMI	ERS				M	ETAL	PAR	TS			PLAS	STIC	S	
CHEMICAL FORMULA	Polyurethane	Neoprene	Nitrile	E.P.D.M.	Hytrel	(FKM) Flourocarbon	Blue Gylon	PTFE, PFA	Envelon	Santoprene	Aluminum	Cast Iron / Steel	Stainless Steel	Alloy C (Hastelloy Equiv)	Polypropylene	Acetal	PVDF	Nylon	Ryton	UHMW Polyethylene
Vinegar Dilute acetic acid	Х	В	С	Α	С	Α	А	А	Α	Α	С	Х	А	А	А	С	Α	Х	А	A ^{140°}
Vinyl Acetate CH3COOC, HCH2	ND	В	Х	ND	ND	Х	ND	А	ND	ND	В	Α	А	А	В	ND	Α	ND	ND	Х
Vinyl Chloride (Chloroethylene) CH2CHCl	ND	Х	Х	С	ND	А	ND	А	А	X	X	А	А	А	Х	ND	В	А	ND	ND
Walnut Oil	ND	В	Α	ND	ND	Α	ND	Α	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Water, Distilled (Also Deionized) H2O	А	С	А	Α	ND	A ^{72°}	Α	Α	Α	А	А	С	А	А	А	А	А	А	А	A ^{140°}
Water, Fresh H2O	Α	В	Α	Α	A ^{72°}	A ^{72°}	Α	Α	А	Α	А	А	А	А	А	Α	Α	В	А	A ^{140°}
Waxes Hydrocarbons	ND	Α	Α	Х	ND	ND	ND	Α	Α	ND	А	ND	А	А	ND	Α	ND	Α	ND	Α
Weed Killers	ND	С	В	ND	ND	Α	ND	ND	ND	В	Χ	ND	Α	ND	ND	ND	ND	ND	ND	ND
Whiskey Ethanol, esters, acids	Α	Α	В	Α	В	Α	Α	Α	Α	Α	А	Х	А	А	А	В	Α	Α	ND	А
White Oil (Mineral) (Petroleum) Mixture of liquid hydrocarbons	ND	С	Α	х	ND	Α	ND	Α	ND	С	ND	ND	А	А	ND	ND	ND	ND	ND	А
White Sulfate Liquor	ND	Α	В	Α	ND	В	ND	Α	ND	ND	В	С	А	В	Α	ND	Α	ND	ND	ND
Wines	Χ	Α	Α	Α	Α	В	Α	Α	Α	Α	С	Χ	Α	Α	Α	В	Α	Α	ND	A ^{140°}
Wort, Distillery Sugar solution from malt	ND	Α	ND	ND	ND	Α	ND	Α	ND	ND	А	В	А	А	ND	ND	ND	ND	ND	ND
Xylene (Xylol) C6H4(CH3)2	Х	Х	Х	Х	С	Α	ND	А	А	С	А	В	В	А	Х	Α	Α	Α	Α	Х
Xylidines (Xylidin) (CH3)2C6H3NH2	ND	Х	ND	Х	ND	Х	ND	Α	ND	С	В	В	ND	ND	ND	ND	ND	ND	ND	ND
Zeolite Hydrated alkali aluminum silicates	ND	С	С	Α	ND	А	ND	Α	ND	А	ND	ND	А	А	ND	ND	ND	ND	ND	ND
Zinc Acetate Zn(C2H3O2)2	ND	В	О	Α	ND	Х	ND	Α	ND	Α	С	ND	ND	ND	А	ND	Α	ND	ND	ND
Zinc Carbonate ZnCO3	ND	ND	Α	ND	ND	Α	ND	А	ND	ND	В	В	В	В	ND	ND	ND	ND	ND	ND
Zinc Chloride ZnCl2	Α	В	В	Α	Α	Α	Α	Α	Α	Α	^{10%} A	В	^{10%} A	А	А	В	Α	С	А	A ^{140°}
Zinc Hydrosulfite ZnHSO3	ND	Α	Α	ND	ND	Α	ND	Α	ND	Α	Х	ND	А	ND	ND	ND	ND	ND	ND	ND
Zinc Sulfate ZnSO4	ND	Α	Α	Α	Х	В	А	А	А	А	^{20%} B	Х	В	90%B	А	В	Α	В	А	А

Data limited to % concentration and/or temperature °F shown. Where not shown temperature is 70°F (21°C) Ambient. RATING KEY: (A) Excellent (B) Good (C) Fair to Poor (X) Not Recommended (ND) No Data Available





Warren Rupp, Inc. | A Unit of IDEX Corporation 800 North Main Street, Mansfield, OH 44902 USA Phone: 419.524.8388 | Fax: 419.522.7867 SANDPIPERPUMP.COM



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