



## Chemical Compatibility Chart

### Key to Chemical Resistance

- A = No Effect or Excellent
- B = Minor Effect or Good
- C = Moderate Effect or Fair
- D = Severe Effect or Not Recommended
- = N/A or not available

Chemical/Agent	PIKOTEK MATERIALS					
	316SS	Epoxy	Teflon	Viton	Nitrile	Neoprene
Acetaldehyde	A	A	A	A	B	D
Acetamide	A	A	--	A	A	A
Acetate Solv.	A	A	A	D	D	D
Acetic Acid, Glacial	A	B	A	D	D	C
Acetic Acid 20%	A	B	A	D	C	C
Acetic Acid 80%	A	B	A	D	C	D
Acetic Acid	A	A	A	C	C	C
Acetic Anhydride	A	A	A	D	A	B
Acetone	A	B	A	D	D	C
Acetyl Chloride	A	A	A	--	--	--
Acetylene	A	A	--	A	A	B
Acrylonitrile	C	A	--	C	D	D
<b>ALCOHOLS</b>						
Amyl	A	A	A	A	A	A
Benzyl	A	A	--	A	D	B
Butyl	A	A	A	A	A	A
Diacetone	A	A	--	D	D	D
Ethyl	A	A	--	A	A	A
Hexyl	A	A	--	A	A	B
Isobutyl	A	A	--	A	C	A
Isopropyl	A	A	--	A	C	B
Methyl	A	A	A	C	B	A
Octyl	A	A	--	A	B	A
Propyl	A	A	A	A	A	A
Aluminum Chloride 20%	C	A	--	A	A	A
Aluminum Chloride	C	A	A	A	A	A
Aluminum Flouride	C	A	A	A	A	A
Aluminun Hydroxide	A	A	A	A	A	A
Alum Potassium Sulfate (ALUM), 10%	--	A	A	A	--	A
Alum Potassium Sulfate (ALUM) 100%	A	A	A	A	A	A
Aluminum Sulfate	C	A	A	A	A	A
Amines	A	A	A	D	D	B
Ammonia 10%	A	B	A	A	D	A
Ammonia Anhydrous	A	A	A	D	B	A

**PIKOTEK MATERIALS**

<b>Chemical/Agent</b>	<b>316SS</b>	<b>Epoxy</b>	<b>Teflon</b>	<b>Viton</b>	<b>Nitrile</b>	<b>Neoprene</b>
Ammonia, Liquids	A	A	A	D	B	A
Ammonia, Nitrate	A	A	--	--	A	C
Ammonium Bifluoride	A	A	--	A	A	A
Ammonium Carbonate	A	A	A	B	D	A
Ammonium Casenite	A	A	--	--	--	A
Ammonium Chloride	C	A	A	A	A	A
Ammonium Hydroxide	A	A	A	B	B	A
Ammonium Nitrate	A	A	A	A	A	A
Ammonium Oxalate	A	A	--	--	A	A
Ammonium Persulfate	A	A	A	C	A	A
Ammonium Phosphate, Dibasic	A	A	A	A	A	A
Ammonium Phosphate, Monobasic	A	A	A	A	A	A
Ammonium Phosphate, Tribasic	A	A	A	A	A	A
Ammonium Sulfate	B	A	A	D	A	A
Ammonium Thio-Sulfate	A	A	--	--	A	A
Amyl-Acetate	A	A	A	D	A	D
Amyl Alcohol	A	A	A	B	D	A
Amyl Chloride	B	A	A	A	B	D
Aniline	A	A	A	D	D	D
Anti-Freeze	A	A	A	A	D	A
Antimony Trichloride	D	A	A	--	A	C
Aqua Regia (80%, HCl, 20%, HNO)	D	D	A	C	D	D
Arochlor 1248	--	A	--	A	D	D
Aromatic Hydrocarbons	A	A	--	A	D	A
Arsenic Acid	A	A	A	A	A	B
Asphalt	A	A	--	A	B	A
Barium Carbonate	A	A	A	A	A	A
Barium Chloride	A	A	A	A	A	A
Barium Cyanide	A	A	--	A	C	A
Barium Hydroxide	A	A	A	A	A	A
Barium Nitrate	A	B	--	A	A	A
Barium Sulfate	A	B	A	A	A	A
Barium Sulfide	A	A	A	A	A	A
Beer	A	A	A	A	D	A
Beet Sugar Liquids	A	A	A	A	A	B
Benzaldehyde	A	A	A	D	D	D
Benzene	A	A	A	A	D	D
Benzoic Acid	A	A	A	A	D	D
Benzol	A	A	A	D	D	D
Borax (Sodium Borate)	A	A	A	A	B	A
Boric Acid	A	A	A	A	A	A
Brewery Slop	A	A	--	A	A	A
Bromine (Wet)	D	C	A	A	D	D
Butadiene	A	A	A	A	A	B
Butanes	A	A	A	A	A	B
Butanol	A	-	A	--	--	--
Butter	A	A	--	A	A	B
Buttermilk	A	A	A	A	A	A
Butylene	A	A	A	A	B	--
Butyl Acetate	C	A	A	D	B	D
Butyric Acid	A	A	A	D	D	D

**PIKOTEK MATERIALS**

<b>Chemical/Agent</b>	<b>316SS</b>	<b>Epoxy</b>	<b>Teflon</b>	<b>Viton</b>	<b>Nitrile</b>	<b>Neoprene</b>
Calcium Bisulfate	A	A	A	A	A	C
Calcium Bisulfide	B	A	A	A	A	A
Calcium Bisufite	A	-	A	A	A	A
Calcium Carbonate	A	A	A	A	A	A
Calcium Chlorate	A	A	A	A	--	A
Calcium Chloride	D	A	A	A	A	D
Calcium Hydroxide	A	A	A	A	A	A
Calcium Hypochlorite	C	A	A	A	B	D
Calcium Sulfate	A	A	A	A	A	D
Calgon	A	A	--	A	A	A
Cane Juice	A	A	--	--	A	A
Carbolic Acid (See Phenol)	--	-	--	--	--	--
Carbon Bisulfide	A	A	--	A	D	D
Carbon Dioxide (Wet)	A	-	A	--	--	--
Carbon Disulfide	A	A	A	A	D	D
Carbon Monoxide	A	A	--	A	A	B
Carbon Tetrachloride	B	C	A	A	C	D
Carbonated Water	A	A	--	A	A	A
Carbonic	B	A	A	A	B	A
Catsup	A	A	--	A	A	C
Chloracetic Acid	D	B	A	A	D	D
Chloric Acid	D	D	A	--	D	D
Chlorinated Glue	A	A	--	A	C	D
Chlorine, Anhydrous Liquid	D	B	A	A	D	D
Chlorine (Dry)	A	D	A	D	--	D
Chlorine Water	D	-	A	A	D	D
Chlorobenzene (Mono)	A	A	A	A	D	D
Chloroform	A		A	A	D	D
Chlorosulfonic Acid	--	C	A	D	D	D
Chlorox (Bleach)	A	A	A	A	C	B
Chocolate Syrup	A	A	--	A	A	A
Chromic Acid 5%	A	B	--	A	D	D
Chromic Acid 10%	--	C	A	A	D	D
Chromic Acid 30%	--	D	A	A	D	D
Chromic Acid 50%	B	C	A	A	D	D
Cider	A	A	--	A	A	A
Citric Acid	A	A	A	A	D	A
Citric Oils	A	A	--	A	A	D
Coffee	A	A	A	A	A	A
Copper Chloride	D	A	A	A	A	A
Copper Cyanide	A	C	A	B	B	A
Copper Floborate	D	A	A	A	B	A
Copper Nitrate	A	A	A	A	A	A
Copper Sulfate (5% Solution)	A	A	A	A	A	A
Copper Sulfate	--	A	A	B	B	A
Cream	A	A	--	A	A	C
Cresols	A	A	--	A	D	D
Cresylic Acid	A	A	A	A	D	D
Cyclohexane	--	A	--	A	A	D
Cyanic Acid	--	A	--	--	C	D
Detergents	A	A	--	A	A	B

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<b>Chemical/Agent</b>	<b>316SS</b>	<b>Epoxy</b>	<b>Teflon</b>	<b>Viton</b>	<b>Nitrile</b>	<b>Neoprene</b>
Dichlorethane	A	A	A	C	--	D
Diesel Fuel	A	A	--	A	A	D
Diethylamine	--	A	A	D	B	B
Diethylene Glycol	--	A	--	A	A	A
Diphenyl Oxide	--	A	--	A	D	D
Dyes	A	A	--	A	--	C
Epsom Salts(Magnesium Sulfate)	A	A	--	A	A	A
Ethane	--	A	--	A	A	B
Ethanolamine	A	A	--	D	B	B
Ether	A	A	--	C	D	D
Ethyl Acetate	A	A	A	D	D	D
Ethyl Chloride	A	A	A	A	D	C
Ethyl Sulfate	--	A	--	A	A	--
Ethylene Chloride	A	A	A	A	D	D
Ethylene Dichloride	A	A	A	A	D	D
Ethylene Glycol	A	A	A	A	A	A
Ethylene Oxide	A	A	A	D	D	D
Fatty Acids	A	A	A	A	C	B
Ferric Chloride	D	A	A	A	D	B
Ferric Nitrate	A	A	A	A	A	A
Ferric Sulfate	C	A	A	A	B	A
Ferrous Chloride	D	A	A	A	B	A
Ferrous Sulfate	C	A	A	A	B	A
Fluboric Acid	B	A	A	A	B	A
Fluorine	D	D	C	--	--	--
Fluosilicic Acid	B	C	A	B	A	A
Formaldehyde 40%	A	A	A	D	B	A
Formaldehyde	A	A	A	A	C	D
Formic Acid	B	B	A	B	D	D
Freon 11	A	A	A	C	C	D
Freon 12 (wet)	D	A	A	A	A	B
Freon 22	A	A	--	D	D	A
Freon 113	A	A	--	C	A	A
Freon T.F.	A	A	--	B	A	A
Fruit Juice	A	A	D	A	A	A
Fuel Oils	A	A	A	A	A	B
Furan Resin	A	A	A	A	D	D
Furfural	A	A	A	D	D	D
Gallic Acid	A	-	A	B	A	--
Gasoline	A	A	A	A	A	D
Gelatin	A	A	A	A	A	A
Glucose	A	A	A	A	A	A
Glue P.V.A.	A	A	A	A	A	A
Glycerine	A	A	A	A	A	A
Cycolic Acid	--	A	--	A	A	A
Gold Monocyanide	A	A	--	A	A	A
Grape Juice	A	A	--	A	A	A
Grease	A	A	A	A	A	D
Heptane	A	A	A	A	A	B
Hexane	A	A	A	A	A	B
Honey	A	A	--	A	A	A

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<b>Chemical/Agent</b>	<b>316SS</b>	<b>Epoxy</b>	<b>Teflon</b>	<b>Viton</b>	<b>Nitrile</b>	<b>Neoprene</b>
Hydraulic Oils (Petroleum)	A	A	A	A	A	B
Hydraulic Oils (Synthetic)	A	A	--	A	C	--
Hydrazine	A	A	--	A	B	B
Hydrobromic Acid 20%	D	B	A	A	D	C
Hydrobromic Acid	D	A	A	A	D	D
Hydrochloric Acid (Dry Gas)	A	A	A	--	--	--
Hydrochloric Acid (20%)	D	A	A	A	C	A
Hydrochloric Acid (37%)	D	A	A	A	C	C
Hydrochloric Acid 100%	D	A	A	C	D	C
Hydrocyanic Acid	A	A	A	A	C	B
Hydrocyanic Acid (Gas 10%)	D	A	A	--	--	C
Hydrofluoric Acid (20%)	D	B	A	A	D	D
Hydrofluoric Acid (75%)	D	C	A	A	D	D
Hydrofluoric Acid 100%	D	A	A	--	D	B
Hydrofluosilicic Acid (20%)	D	C	A	A	B	A
Hydrofluosilicic Acid	D	-	A	--	--	--
Hydrogen Gas	A	A	A	A	--	D
Hydrogen Peroxide 10%	C	D	A	--	A	C
Hydrogen Peroxide 30%	B	B	A	A	D	D
Hydrogen Peroxide	B	A	A	A	D	B
Hydrogen Sulfide, Aqueous Solution	A	A	A	B	C	--
Hydrogen Sulfide (Dry)	A	A	A	A	--	A
Hydroxyacetic Acid (70%)	--	A	--	A	A	A
Ink	A	A	--	A	A	D
Iodine	D	A	A	A	B	D
Iodine (In Alcohol)	B	-	A	A	D	--
Iodoform	A	-	A	C	--	--
Isotane	--	A	--	A	A	D
Isopropyl Acetate	B	A	--	D	D	D
Isopropyl Ether 2	A	-	A	D	B	D
Jet Fuel (JP3,JP4,JP5)	A	A	A	A	A	D
Kerosene	A	A	A	A	A	D
Ketones	A	C	A	D	D	D
Lacquers	A	A	--	D	D	D
Lacquer Thinners	A	-	A	--	D	D
Lactic Acid	B	A	A	B	B	A
Lard	A	A	--	A	A	B
Latex	A	A	--	A	A	C
Lead Acetate	A	A	A	D	B	D
Lead Sulfamate	--	A	--	A	B	A
Ligroin	A	A	--	A	A	B
Lime	A	A	--	A	A	B
Lubricants	A	A	A	A	A	D
Magnesium Carbonate	A	A	--	--	A	A
Magnesium Chloride	B	A	A	A	A	A
Magnesium Hydroxide	A	A	A	A	B	B
Magnesium Nitrate	A	A	A	A	A	A
Magnesium Oxide	A	A	--	--	A	A
Magnesium Sulfate	A	A	A	A	A	A
Maleic Acid	A	A	A	A	D	A
Maleic Anhydride	--	A	--	A	D	D

**PIKOTEK MATERIALS**

<b>Chemical/Agent</b>	<b>316SS</b>	<b>Epoxy</b>	<b>Teflon</b>	<b>Viton</b>	<b>Nitrile</b>	<b>Neoprene</b>
Mayonnaise	A	A	A	A	A	--
Melamine	D	A	--	--	C	--
Mercuric Chloride (Dilute Solution)	D	A	A	A	A	A
Mercuric Cyanide	A	A	A	--	A	--
Mercury	A	A	A	A	A	A
Methanol (See Alcohol Methyl)	--	-	--	--	--	--
Methyl Acetate	A	-	A	D	D	B
Methyl Acrylate	--	A	--	D	D	B
Methyl Acetone	A	C	A	D	D	D
Methyl Alcohol 10%	A	A	A	--	B	--
Methyl Bromide	--	B	--	A	B	D
Methyl Butyl Ketone	A	B	--	D	D	D
Methyl Cellosolve	--	C	--	D	D	D
Methyl Chloride	A	A	A	A	D	D
Methyl Dichloride	--	A	--	A	D	D
Methyl Ethyl Ketone	A	B	A	D	D	D
Methyl Isobutyl Ketone	A	B	A	D	D	D
Methyl Isopropyl Ketone	A	B	--	D	D	D
Methyl Methacrylate	--	A	--	D	D	D
Methylamine	A	A	--	--	D	--
Methylene Chloride	A	A	A	B	B	D
Milk	A	A	--	A	D	A
Molasses	A	A	--	A	A	A
Mustard	A	A	--	A	A	C
Naptha	A	A	A	A	B	D
Napthalene	B	A	A	C	B	D
Nickel Chloride	B	A	A	A	D	A
Nickel Sulfate	B	A	A	A	A	A
Nitric Acid (10% Solution)	A	A	A	A	A	D
Nitric Acid (20% Solution)	A	B	A	A	D	D
Nitric Acid (50% Solution)	A	D	A	A	D	D
Nitric Acid (Concentrated Solution)	B	D	A	B	D	D
Nitrobenzene	B	B	A	D	D	D
<b>OILS</b>						
Aniline	A	A	A	A	D	D
Anise	A	A	--	--	--	D
Bay	A	A	--	A	--	D
Bone	A	A	--	A	A	D
Castor	A	A	--	A	A	A
Cinnamon	A	A	A	D	--	D
Citric	A	A	--	A	A	D
Clove	A	A	--	--	A	--
Coconut	A	A	--	A	A	A
Cod Liver	A	A	--	A	A	B
Corn	A	A	--	A	A	D
Cotton Seed	A	A	A	A	A	D
Cresote	A	A	--	A	A	B
Diesel Fuel (2D,3D,4D,5D)	A	A	--	A	A	D
Fuel (1,2,3,5A,5B,6)	A	A	A	A	B	D
Ginger	A	A	--	A	A	A
Hydraulic (See Hydraulic)						

**PIKOTEK MATERIALS**

<b>Chemical/Agent</b>	<b>316SS</b>	<b>Epoxy</b>	<b>Teflon</b>	<b>Viton</b>	<b>Nitrile</b>	<b>Neoprene</b>
Lemon	A	A	--	A	--	D
Linseed	A	A	--	A	A	D
Mineral	A	A	--	A	A	B
Olive	A	A	A	A	A	B
Orange	A	A	A	A	A	D
Palm	A	A	--	A	A	D
Peanut	A	A	--	A	A	D
Peppermint	A	A	--	A	D	D
Pine	A	A	A	A	A	D
Rape Seed	A	A	--	A	B	D
Rosin	A	A	--	A	A	--
Sesame Seed	A	A	--	A	A	D
Silicone	A	A	--	A	A	A
Soybean	A	A	--	A	A	D
Sperm	A	A	--	A	A	D
Tanning	A	A	--	A	A	D
Turbine	A	A	--	A	A	D
Oleic Acid	A	A	A	B	B	D
Oleum 25%	--	D	A	A	D	D
Oleum	A	A	A	A	C	D
Oxalic Acid (cold)	B	A	A	A	B	B
Paraffin	A	A	A	A	A	--
Pentane	C	A	A	A	A	B
Perchloroethylenen	A	A	A	A	C	D
Petrolatum	A	A	A	A	A	B
Phenol 10%	A	C	A	B	D	C
Phenol (Carbolic Acid)	A	B	A	A	D	D
Phosphoric Acid (to 40% Solution)	A	A	A	A	D	D
Phosphoric Acid (40%-100% Solution)	B	C	A	A	D	D
Phosphoric Acid (Crude)	C	A	A	A	D	D
Phosphoric Anhydride (Dry or Moist)	A	-	A	D	D	D
Phosphoric Anhydride (Molten)	A	A	A	D	C	D
Photographic (Developer)	A	A	--	A	A	A
Phthalic Anhydride	B	-	A	A	C	--
Picric Acid	A	A	A	A	A	A
<b>PLATING SOLUTIONS</b>						
Antimony Plating 130° F	A	B	A	A	A	A
Arsenic Plating 110° F	A	B	A	A	A	A
<b>BRASS PLATING</b>						
Regular Brass Bath 100° F	A	B	A	A	A	A
High Speed Brass Bath 110° F	A	B	A	A	A	A
<b>BRONZE PLATING</b>						
Copper-Cadmium Bronze Bath R.T.	A	B	A	A	A	A
Copper-Tin Bronze Bath 160° F	A	C	A	A	A	B
Copper-Zinc Bronze Bath 100° F	A	B	A	A	A	A
<b>CADMIUM PLATING</b>						
Cyanide Bath 90° F	A	B	A	A	A	A
Fluoborate Bath 100° F	A	B	A	A	B	C
<b>CHROMIUM PLATING</b>						
Chromic-Sulfuric Bath 130° F	C	D	A	A	D	D
Fluosilicate Bath 95° F	C	D	A	C	D	D

**PIKOTEK MATERIALS**

<b>Chemical/Agent</b>	<b>316SS</b>	<b>Epoxy</b>	<b>Teflon</b>	<b>Viton</b>	<b>Nitrile</b>	<b>Neoprene</b>
Barrel Chrome Bath 95° F	D	D	A	C	D	D
<b>COPPER PLATING (Cyanide)</b>						
Copper Strike Bath 120° F	A		A	B	--	A
Rochelle Salt Bath 150° F	A	C	A	A	A	B
High Speed Bath 180° F	A	C	A	A	A	B
<b>COPPER PLATING (Acid)</b>						
Copper Sulfate Bath R.T.	D	D	A	A	A	A
Copper Fluoborate Bath 120° F	D	D	A	A	B	C
<b>COPPER (Misc.)</b>						
Copper Pyrophosphate 140° F	A	B	A	A	A	A
Copper (Electroless) 140° F	--	B	A	A	D	D
<b>GOLD PLATING</b>						
Cyanide 150° F	A	D	A	A	A	A
Neutral 75° F	C	A	A	A	A	A
Acid 75° F	C	A	A	A	A	A
Indium Sulfamate Plating R.T.	C	A	A	A	A	A
<b>IRON PLATING</b>						
Ferrous Chloride Bath 190° F	D	D	A	A	B	D
Ferrous Sulfate Bath 150° F	C	D	A	A	A	B
Ferrous Am. Sulfate Bath 150° F	C	D	A	A	A	B
Sulfate-Chloride Bath 160° F	D	D	A	A	B	C
Fluoborate Bath 145° F	D	D	A	A	B	C
Sulfamate 140° F	D	A	A	A	A	A
Lead Fluoborate Plating	C	A	A	A	B	C
<b>NICKEL PLATING</b>			A			
Watts Type 115-160° F	C	D	A	A	A	A
High Chloride 130-160° F	C	D	A	A	A	B
Fluoborate 100-170° F	C	D	A	A	B	C
Sulfamate 100-140° F	C	A	A	A	A	A
Electroless 200 ° F	--	B	A	A	D	D
Rhodium Plating 120° F	D	A	A	A	A	B
Silver Plating 80-120° F	A	A	A	A	A	A
Tin-Fluoborate Plating 100° F	C	A	A	A	B	C
Tin-Lead Plating 100° F	C	A	A	A	B	C
<b>ZINC PLATING</b>			A			
Acid Chloride 140° F	D	A	A	A	A	A
Acid Sulfate Bath 150° F	C	D	A	A	A	B
Acid Fluoborate Bath R.T.	--	A	A	A	B	C
Alkaline Cyanide Bath R.T.	--	A	A	A	A	A
Potash	--	A	--	A	A	B
Potassium Bicarbonate	--	A	A	A	A	A
Potassium Bromide	--	A	A	A	A	A
Potassium Carbonate	--	A	A	A	B	A
Potassium Chlorate	A	A	A	A	A	A
Potassium Chloride	A	A	A	A	A	A
Potassium Chromate	B	C	--	A	A	A
Potassium Cyanide Solutions	B	A	A	B	A	A
Potassium Dichromate	A	A	A	B	A	A
Potassium Ferrocyanide	--	A	A	--	D	--
Potassium Hydroxide (50%)	B	A	A	B	B	A
Potassium Nitrate	B	A	A	B	A	A



**PIKOTEK MATERIALS**

<b>Chemical/Agent</b>	<b>316SS</b>	<b>Epoxy</b>	<b>Teflon</b>	<b>Viton</b>	<b>Nitrile</b>	<b>Neoprene</b>
Potassium Sulfide	--	-	A	--	A	--
Propane (Liquified)	--	A	A	A	A	B
Propylene Glycol	--	A	A	A	A	C
Pyridine	--	A	A	D	D	D
Pyrogalllic Acid	A	A	A	A	A	--
Rosins	A	A	A	--	A	--
Rum	--	A	--	A	A	A
Rust Inhibitors	--	A	--	A	A	C
Salad Dressing	--	A	--	A	A	--
Sea Water	C	A	A	A	A	B
Shellac (Bleached)	--	A	A	--	A	--
Shellac (Orange)	--	A	A	--	A	--
Silicone	--	A	--	A	A	A
Silver Bromide	C	A	--	--	--	--
Silver Nitrate	B	A	A	A	C	A
Soap Solutions	A	A	A	A	A	B
Soda Ash ( See Sodium Carbonate)						
Sodium Acetate	A	A	A	D	D	C
Sodium Aluminate	--	A	A	A	A	A
Sodium Bicarbonate	A	A	A	A	A	A
Sodium Bisulfate	--	A	A	B	A	A
Sodium Bisulfite	--	A	A	A	A	A
Sodium Borate	--	-	A	A	--	A
Sodium Carbonate	B	A	A	A	A	A
Sodium Chlorate	--	A	A	A	D	A
Sodium Chloride	C	A	A	A	A	A
Sodium Chromate	A	C	A	B	A	A
Sodium Cyanide	--	A	A	A	A	A
Sodium Fluoride	--	A	A	C	D	D
Sodium Hydrosulfite	--	-	A	A	--	A
Sodium Hydroxide (20%)	A	A	A	A	A	B
Sodium Hydroxide (50% Solution)	B	A	A	A	D	C
Sodium Hydroxide (80% Solution)	D	A	A	B	D	C
Sodium Hypochlorite (to 20%)	C	B	A	A	C	D
Sodium Hypochlorite	A	A	A	D	B	A
Sodium Hyposulfate	A	C	A	--	--	C
Sodium Metaphosphate	A	A	A	A	A	B
Sodium Metasilicate	A	A	A	A	A	A
Sodium Nitrate	A	A	A	B	C	B
Sodium Perborate	C	A	A	A	B	B
Sodium Peroxide	A	A	A	A	C	B
Sodium Polyphosphate (Mono, Di , Tribasic)	A	A	A	A	A	D
Sodium Silicate	B	A	A	A	A	A
Sodium Sulfate	A	A	A	A	A	A
Sodium Sulfide	B	A	A	A	C	A
Sodium Sulfite	C	A	A	A	A	A
Sodium Tetraborate	A	A	--	A	A	--
Sodium Thiosulphate ("Hypo")	A	A	A	A	B	A
Sorghum	A	A	--	A	A	A
Soy Sauce	A	A	--	A	A	A

**PIKOTEK MATERIALS**

<b>Chemical/Agent</b>	<b>316SS</b>	<b>Epoxy</b>	<b>Teflon</b>	<b>Viton</b>	<b>Nitrile</b>	<b>Neoprene</b>
Stannic Chloride	D	A	A	A	A	A
Stannic Fluoborate	A	A	--	A	A	A
Stannous Chloride	C	A	A	B	C	D
Starch	A	A	A	A	A	A
Stearic Acid	A	A	A	A	B	B
Stoddard Solvent	A	A	A	A	B	D
Styrene	A	A	A	B	D	D
Sugar (Liquids)	A	A	A	A	A	B
Sulfate Liquors	C	A	--	--	--	C
Sulfur Chloride	D	C	A	A	D	D
Sulfur Dioxide 2	A	A	A	D	D	B
Sulfur Dioxide (Dry)	A	D	A	A	--	D
Sulfur Trioxide (Dry)	C	A	A	A	D	D
Sulfuric Acid (to 10%)	C	A	A	A	C	D
Sulfuric Acid (10%-75%)	D	B	A	A	D	D
Sulfuric Acid 75%-100%	D	D	A	A	D	D
Sulfurous Acid	B	A	A	A	C	B
Sulfuryl Chloride	--	A	A	--	--	--
Syrup	A	A	--	A	A	B
Tallow	A	A	--	A	A	--
Tannic Acid	A	A	A	A	D	A
Tanning Liquors	A	A	A	A	C	--
Tartaric Acid	B	A	A	A	D	A
Tetrachlorethane	A	A	A	A	D	--
Tetrahydrofuran	A	A	A	B	D	D
Toluene, Toluol	A	A	A	C	D	D
Tomato Juice	A	A	A	A	A	A
Trichlorethane	A	A	A	A	A	D
Trichlorethylene	A	A	A	A	D	D
Trichloropropane	A	A	--	A	D	A
Tricresylphosphate	A	A	A	B	A	D
Triethylamine	--	A	--	A	D	B
Turpentine	A	A	A	A	A	D
Urine	A	A	--	A	D	D
Vegetable Juice	A	A	--	A	A	D
Vinegar	A	A	A	A	A	B
Varnish (Use Viton® for Aromatic)	A	A	A	A	C	D
Water, Acid , Mine	A	A	--	A	B	B
Water, Distilled , Lab Grade	A	A	A	A	A	B
Water, Fresh	A	A	A	A	A	B
Water, Salt	A	A	--	A	A	B
Weed Killers	A	A	--	A	A	C
Whey	A	A	--	A	B	--
Whiskey and Wines	A	A	A	A	A	A
White Liquor (Pulp Mill)	A	A	A	A	A	A
White Water (Paper Mill)	A	A	--	A	A	A
Xylene	A	A	A	A	--	D
Zinc Chloride	B	A	A	A	D	A
Zinc Hydrosulphite	A	A	--	A	A	A
Zinc Hydrosulfate	A	A	--	--	A	A
Zinc Sulfate	A	A	A	A	A	A