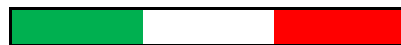


SEKO



CHEMICAL COMPATIBILITY TABLE FOR AAOD PUMPS

made in Italy



Chemical compatibility table

NB

The information contained here in is only to be used with regard to the initial choice of pump construction materials.

We have obtained this information from reliable sources. Seko has not performed any form of testing in this regard and therefore accepts noliability for the therefore accepts noliability for the accuracy of the details provided.

Each application has its own specific set of parameters as regards stress, exposure time, chemical concentration and temperature.

Seko recommends practical testing of materials coming into contact with chemical substances.

NOTE REGARDING HALOGENATED SOLVENTS

In certain cases, the corrosive action of halogenated solvents coming into contact with aluminium or galvanised materials could cause an explosion.

To avoid any form of danger, when transferring halogenated solvents, the use of steel or PVDF pumps is recommended.

Summary of the plastic and rubber materials

| CODE/TRADE NAME | MATERIAL | COMPOSITION | Seko CODE |
|--------------------|-------------------------------------|---------------------------------|-----------|
| NBR (PERBUNAN®) | Nitrile Rubber | Acrylonitrile-Butadiene | N |
| EPDM (DUTRAL®) | Ethylene Propylene Termopolimer | Ethylene Propylene Termopolimer | D |
| PVDF (KYNAR®) | PVDF | Polyvinylidene Fluoride | K |
| PP | Polypropylene | Polypropylene | P |
| PPS (RYTON®) | PPS | Polyphenylene Sulfide | R |
| PTFE (TEFLON®) | PTFE | Polytetrafluoroethylene | T |
| FPM (VITON®) | Fluorcarbor rubber | Fluoro-Elastomer | V |
| SANTOPRENE® | Thermoplastic Rubber | Thermoplastic Elastomer | M |
| HMWHDPE(POLIZENE®) | High Molecular Density Polyethylene | Ethylene polymer | Z |
| HYTREL® | Thermoplastic Rubber | Polyester elastomer | H |

| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|-----------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Acetaldehyde | B | A | D | A1 | A | D | A | A | D | - | B |
| Acetamide | A | A | A | A1 | A | C | A | A | B | - | - |
| Acetate Solvent A | A | C | B1 | A | A | A | A | D | - | - | - |
| Acetic Acid | B | B | C | B | A | C | A | A | B | C | B |
| Acetic Acid 20% | B | A | B | A | A | A | A | A | B | C | B |
| Acetic Acid 80% | B | B | C | A | A | C | A | A | B | C | B |
| Acetic Acid, Glacial | B | A | C | A1 | B | A1 | A | A | D | - | B |
| Acetic Anhydride | A1 | A | D | B1 | B | B1 | A | A | D | D | D |
| Acetone | A | A | D | A | A | D | A | A | D | A1 | A2 |
| Acetonitrile | | | | | | | | | | | |
| Acetophenone | B | B | D | A | A | A | B | A | D | A | - |
| Acetyl Bromide | - | - | - | - | - | - | - | A | - | - | - |
| Acetyl Chloride (dry) | D | A | D | D | D | A2 | A | A | A | A | - |
| Acetylene | A | A | B | A1 | A | A | A | A | A | - | - |
| Acrylonitrile | B1 | A1 | D | A1 | D | A1 | - | A | D | D | - |
| Adipic Acid | A | A2 | C | B2 | A2 | A2 | - | A | A2 | - | - |
| Alcohols: Amyl | B | A | B | B1 | A | A | A | A | A | A | A |
| Alcohols: Butyl | B | A | C | A | A2 | A | A | A | A | B | A |
| Alcohols: Benzyl | B | B | D | A | B | A | A | A | A | - | A |
| Alcohols: Diacetone | A1 | A | D | B2 | A | A1 | - | A | D | - | - |
| Alcohols: Ethyl | B | A | C | A | A | - | - | A | A | - | - |
| Alcohols: Hexyl | A | A | A | - | C | - | - | A | C | - | - |
| Alcohols: Isobutyl | B | A | B | A1 | A | - | - | A2 | A | - | A |
| Alcohols: Isopropyl | B | B | B | A2 | A | - | - | A2 | A | - | A |
| Alcohols:Methyl | A1 | A | A | A2 | A | A | A | A | C | A | A |
| Alcohols:Octyl | A | A | B | - | A | - | - | - | B | - | - |
| Alcohols: Propyl | A | A | A | A | A | A2 | A | A | A | A | A |
| Alkazene | - | - | D | - | D | - | - | A | A | D | - |
| Allyl | - | - | - | - | - | - | - | - | - | - | - |
| Allyl Chloride | - | - | - | - | - | - | - | - | - | - | - |
| Aluminum Acetate | A | B | C | - | A | - | A | A | D | A | - |

Chemical Compatibility: A = Excellent B = Good C = Fair, not recommended D = Severe effect, not recommended

1. Good resistance up to 22°C (72°F) 2. Good resistance up to 48°C (120°F) - = Data not available

| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|---------------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Aluminum Chloride | D | B | A | A | A | A | A | A | A | - | A |
| Aluminum Chloride 20% | D | C1 | A | A | A | A | A | A | A | - | - |
| Aluminum Fluoride | B1 | D | A | A | A | A | A | A | A | - | A |
| Aluminum Hydroxide | B1 | C1 | A | A | A | A | - | A | A | - | - |
| Aluminum Nitrate | D | A | A2 | A2 | A2 | A2 | - | A | A2 | - | - |
| Aluminum Phosphate | - | A | A | - | A | - | - | A | A | - | - |
| Aluminum Potassium Sulfate 10% | C | A | A | A | A | B | - | A | A | - | A |
| Aluminum Potassium Sulfate 100% | C | B2 | A | A | A | - | - | A | A | - | A |
| Aluminum Sulfate | B1 | B2 | A | A | A | A | A | A | A | A | A |
| Alum-Nh3-Cr-K | - | - | A | - | A | - | - | A | D | A | - |
| Alums | A | A | A | A | A1 | - | - | A | A | - | - |
| Amines | B | A | D | B2 | B | - | B | A2 | D | - | A |
| Ammonia 10% | A2 | A | A | A2 | A | A | A1 | A | D | - | A |
| Ammonia Gas (Hot) | - | - | C | - | C | - | A | A | D | C | - |
| Ammonia Gas (Cold) | - | - | A | B | D | - | - | - | A | D | - |
| Ammonia Nitrate | C | A | C | A | A | A | A | A | D | - | - |
| Ammonia Water | - | - | - | - | - | - | - | - | - | - | - |
| Ammonia, anhydrous | A1 | A2 | B | A | A | A | A1 | A | D | - | A |
| Ammonia, liquid | A | A2 | C | A2 | A | A | A1 | A | D | - | - |
| Ammonium Acetate | A | A | B | A | A | - | - | A | A | - | - |
| Ammonium Bifluoride | B | B1 | B | A | A2 | A | - | A | A | - | - |
| Ammonium Carbonate | B | B | B | A | A | A | A | A | A | - | A |
| Ammonium Caseinate | - | A | - | - | - | - | - | - | - | - | - |
| Ammonium Chloride | B1 | B2 | B | A | A | A | A | A | A | - | A |
| Ammonium Fluoride | - | - | - | - | - | - | - | - | - | - | - |
| Ammonium Hydroxide | B2 | A1 | D | A | A | A | A | A | B | - | A |
| Ammonium Nitrate | B1 | A | A | A | A | A | A | A | A | - | A |
| Ammonium Nitrite | - | - | A | A | A | - | - | A | - | A | - |
| Ammonium Oxalate | - | A | D | A | A | - | - | - | - | - | - |
| Ammonium Persulfate | D | B | A | A | B | A1 | - | A1 | A | - | A |
| Ammonium Phosphate, Dibasic | B1 | C | A | A | A | A | A | A2 | A | - | B |

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1. Good resistance up to 22°C (72°F) 2. Good resistance up to 48°C (120°F) - = Data not available

| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|-------------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Ammonium Phosphate, | B | C | A | A | A | - | - | A | A | - | B |
| Ammonium Phosphate, Tribasic | B | B | A | A | A | - | - | A | A | - | B |
| Ammonium Sulfate | A1 | B | A | A | A | A | A | A | A | - | A |
| Ammonium Sulfite | D | B | A1 | A2 | A1 | - | - | A2 | D | - | D |
| Ammonium Thisulfate | - | A | A | - | A1 | - | - | - | - | - | - |
| Amyl Acetate | A | A | D | B1 | A | A2 | A | A | D | D | B |
| Amyl Alcohol | B | A | B | B1 | A | A | A | A | A | A | A |
| Amyl Chloride | A1 | A2 | D | D | D | A | - | A | B1 | - | - |
| Amyl-Alcohol | B | B | B | B | A | A | B | A | B | A | - |
| Amyl-Borate | - | - | A | - | D | - | - | A | A | D | - |
| Amyl-Chloronapthalene | - | - | B | - | D | - | - | A | A | D | - |
| Amyl-Napthalene | - | - | D | - | D | - | - | - | - | - | - |
| Aniline | C | B | D | A1 | B | A1 | A | A | A | A | B |
| Aniline Dyes | B | A | C | - | A | - | B | A | A | A | - |
| Aniline Hydrochloride | D | D | D | D | B | A2 | - | A | A | - | - |
| Animal Fats | A | A | A | - | A | - | A | A | A | A | - |
| Ansul Ether | - | - | C | - | C | - | - | A | D | C | - |
| Antifreeze | A | A | A | D | A | - | - | - | A | A | - |
| Antymoni Trichloride | D | D | B | A | B1 | A | - | A | A2 | - | A |
| Aqua Regia (80% HCl, 20%HNO3) | D | D | D | B1 | C | A2 | D | A | B | - | B |
| Arochlor 1248 | A | B | C1 | D | B | - | - | A | A | - | - |
| Aromatic Hydrocarbons | A | C | D | D | - | - | - | A | A | - | - |
| Arsenic Acid | D | A2 | A2 | A | A2 | A | A | A | A2 | - | - |
| Arsenic Salts | - | - | - | - | - | - | - | - | A | - | - |
| Arsenic Trichloride | D | D | C | - | D | - | D | A | D | D | - |
| Askarel | - | - | B | - | D | - | - | A | A | D | - |
| Asphalt | A | A | B | B1 | D | A | A | A1 | A | - | - |
| Barium Carbonate | D | B | A2 | A | A | A | A2 | A | A | - | B |
| Barium Chloride | D | A1 | A | A | A | A | A | A | A | - | B |
| Barium Cyanide | C1 | A2 | C | D | A | - | - | A1 | A | - | - |
| Barium Hydroxide | D | B | A | B | A | A | A | A | A | - | - |

Chemical Compatibility: A = Excellent B = Good C = Fair, not recommended D = Severe effect, not recommended

1. Good resistance up to 22°C (72°F) 2. Good resistance up to 48°C (120°F) - = Data not available

| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|-----------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Barium Nitrate | B | B | A2 | A | A | - | - | A1 | A | - | B |
| Barium Sulfate | B | B1 | A | B1 | A | A | A | A | A | - | A |
| Barium Sulfide | D | B2 | A | B | A | A | - | A | A | - | A |
| Beer | A | A | A | A1 | A | A | A2 | A | A | - | A |
| Beet Sugar Liquids | A | A | A | A | A | - | A | A | A | A | - |
| Beet Sugar Liquors | A | A | A | - | A | A | A | A | A | A | - |
| Benzaldehyde | B | B | D | D | A | A2 | A | A1 | D | D | - |
| Benzene | B | B | D | D | D | A2 | A | A | A | D | C1 |
| Benzene Sulfonic Acid | D | B | D | D | D | - | A | A | A | - | - |
| Benzol | B1 | A1 | D | B | D | A | A | A | A | - | - |
| Benzonic Acid | B | B | D | B1 | D | A | A1 | A2 | A | - | A |
| Benzonitrile | - | D | - | - | - | - | - | A2 | - | - | - |
| Benzyl Benzoate | A | B | D | - | B | - | A | A | A | B | - |
| Benzyl Chloride | D | B1 | D | C1 | D | - | - | - | A2 | - | - |
| Bibutyl Sebecate | - | A | D | B | B | A | - | A | B | B | - |
| Blast Furnace Gas | - | - | - | - | B | A | A | - | - | - | - |
| Bleaching Liquors | - | - | D | A1 | D | - | - | A | A | - | - |
| Borax (Sodium Borate) | B1 | A | B | B | A | A | A | A | A | - | A |
| Bordeaux Mixture | D | A | A | - | A | - | D | A | A | A | - |
| Boric Acid | D | A1 | A | A | A | A | A | A | A | A | A |
| Brewery Slop | - | A | A | - | - | - | - | - | A | - | - |
| Brine | C | - | A | A | A | A | C | A | A | A | - |
| Brnzol, Alcohol | - | - | - | - | - | - | - | - | - | - | - |
| Bromide-Trifluoride | D | B | D | D | D | - | D | A | D | D | - |
| Bromine | D | D | D | D | D | A | D | A | A | - | D |
| Bromine-Anhydrous | D | D | - | D | C | - | D | A | A | C | - |
| Bromine-Vapor | - | - | - | - | - | - | - | - | - | - | - |
| Bromine-Water | D | B | - | D | - | A | D | A | A | - | - |
| Bromobenzene | D | B | D | D | D | A | D | A | B | D | - |
| Bunker Oil | A | A | A | - | D | - | A | A | A | D | - |
| Butadiene | A | A1 | D | C | C | A | A1 | A2 | B | - | C |

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1. Good resistance up to 22°C (72°F) 2. Good resistance up to 48°C (120°F) - = Data not available

| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|--------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Butane | A | A2 | A | A1 | D | A | A | A | A | - | - |
| Butanol (Butyl Alcohol) | B | A1 | A | A1 | A2 | A | A | A2 | A | B | A |
| Butraldehyde | - | - | D | D | B | - | - | A | D | B | - |
| Butter | A | A | A | - | A | - | - | A | A | D | - |
| Buttermilk | A | A | A | A1 | A1 | - | - | A | A | - | - |
| Butyl Phthalate | B2 | B2 | D | B2 | B2 | B1 | A | A2 | C1 | - | A |
| Butyl Acetyl Ricinoleate | A | A | A | - | D | - | A | A | A | D | - |
| Butyl Acrylate | - | - | D | D | D | - | - | A | D | D | - |
| Butyl Alcohol | - | - | - | - | - | - | - | - | - | - | - |
| Butyl Amine | A2 | A | - | B1 | - | A1 | D | A2 | D | D | - |
| Butyl Benzoate | B | B | - | - | B | - | B | A | A | B | - |
| Butyl Carbitol | - | - | A | - | A | - | - | A | A | A | - |
| Butyl Cellosolve | - | - | B | - | A | A | - | A | C | A | - |
| Butyl Chloride | - | - | - | - | - | - | - | - | - | - | - |
| Butyl Ether | A1 | A1 | B2 | D | D | A1 | A2 | A1 | D | D | - |
| Butyl Oleate | - | - | - | - | B | - | - | A | A | B | - |
| Butyl Stearate | B | B | A | - | B | A | B | A | A | B | - |
| Butylacetate | A | A | AD | B1 | B | B2 | A | A | D | - | B |
| Butylene | A | A | A | - | D | A | A | A | A | D | - |
| Butyric Acid | B | B2 | D | B1 | B | A | A | A2 | B1 | D | B |
| Caffiene Citrate | - | - | - | - | - | - | - | - | - | - | - |
| Calcium Bisulfate | - | A | A | - | A | - | - | - | - | - | - |
| Calcium Bisulfide | C | B | A1 | A | C | A | - | A | A | - | - |
| Calcium Bisulfite | D | A | A | A | D | A | A | A | A | - | A |
| Calcium Carbonate | D | B | A | A | A | A | - | A | A | - | - |
| Calcium Chlorate | - | - | A | - | A | A | - | A | A | - | - |
| Calcium Chloride | D | B2 | A | A2 | A | A | A | A | A | - | A |
| Calcium Hydroxide | C1 | B | A | A2 | A | A2 | A | A | A | - | D |
| Calcium Hypochlorite | D | B1 | C1 | A1 | B1 | A | A | A | A | - | A1 |
| Calcium Nitrate | B1 | B2 | A2 | A2 | A2 | A2 | A | A2 | A2 | - | - |
| Calcium Oxide | C | A | A | A | A | A | A | A | B | - | - |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|----------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Calcium Sulfate | C | B | A2 | A | A | A | A | A | A | - | - |
| Calcium Sulfide | A | B | A | A | A | - | A | A | A | A | - |
| Calgon | - | A | A | A | A | - | - | - | A | - | - |
| Cane Juice | B | A | A | C1 | A | A1 | - | A | A | - | - |
| Cane Sugar Liquors | A | A | A | A | A | A | A | A | A | A | - |
| Carbamate | - | - | C | - | B | - | - | A | A | B | - |
| Carbitol | B | B | B | C | B | - | B | A | A | B | - |
| Carbolic Acid (Phenol) | A | B | D | B | B | A1 | A | A | A | D | B |
| Carbon Bisulfide | B | B | C | D | D | - | - | - | A | - | - |
| Carbon Dioxide (dry) | B1 | A1 | A | A2 | B | A | A | A | B | - | C |
| Carbon Dioxide (wet) | A1 | A1 | A | A2 | B | A | A | A | B | - | C |
| Carbon Disulfide | C | A | D | B | D | A | C | A | A | D | - |
| Carbon Monoxide | A | A | A | A | A | B | - | A | A | - | C |
| Carbon Tetrachloride | D | B | D | D | D | A2 | A | A | A | - | D |
| Carbon Tetrachloride (dry) | D | B2 | C1 | D | B1 | A2 | A2 | A | A2 | D | D |
| Carbon Tetrachloride (wet) | D | A2 | D | D | D | A2 | A2 | A | - | D | C |
| Carbonated Water | A | A | A | B | - | - | - | - | A | - | - |
| Carnobic Acid | B1 | A | D | A | B | A | A | A | A | D | A |
| Catsup | D | A | A | A | A | - | - | - | A | - | - |
| Cellosolve | B | B | C | A | A | A | B | A | B | A | - |
| Cellosolve Acetate | - | - | C | - | A | A | - | A | A | A | - |
| Cellulube | - | - | D | - | A | - | - | A | A | A | - |
| Chloracetic Acid | D | C | D | B | B | A | D | A | D | B | - |
| Chloric Acid | D | C1 | - | - | - | - | - | A | - | - | - |
| Chlorinated Glue | - | A | B | - | B | - | - | - | A | - | - |
| Chlorine (dry) | C1 | B | B | D | A | A | D | A | A | D | B |
| Chlorine Dioxide | D | D | D | - | C | A | D | A | A | C | - |
| Chlorine Gas (Wet) | - | - | - | - | - | - | - | - | - | - | - |
| Chlorine Gas (Dry) | - | - | - | - | - | - | - | - | - | - | - |
| Chlorine Trifluoride | D | A | D | - | D | - | D | A | C | D | - |
| Chlorine Water | D | C | D | D | C | B | D | A | A | D | - |

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1. Good resistance up to 22°C (72°F) 2. Good resistance up to 48°C (120°F) - = Data not available

| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|----------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Chlorine(Wet) | D | D | D | D | D | A | D | A | A | D | - |
| Chlorine, Anhydrous Liquid | D | C | D | D | B | A1 | D | A | A | - | - |
| Chloroacetic Acid | D | A1 | D | C1 | B | A1 | A | A | D | D | D |
| Chloroacetone | D | B | D | D | D | - | D | A | B | D | - |
| Chlorobenzene (Mono) | A | B | D | C1 | D | A1 | A | B | A | D | B |
| Chlorobromometene | - | - | D | A | B | - | - | A | A | - | - |
| Chlorobutadiene | D | A | D | D | D | - | D | A | A | D | - |
| Chlorododecane | D | - | D | D | D | - | D | A | A | D | - |
| Chloroform | B1 | A | D | C1 | D | A | A | A1 | A | D | D |
| Chloronapthalene | D | B | D | D | D | - | D | A | A | D | - |
| Chlorosulfonic Acid | C | B2 | D | D | D | D | D | A | D | - | D |
| Chlorotoluene | D | B | D | D | D | - | D | A | A | D | - |
| Chocolate Syrup | A | A | A | A2 | A | - | - | A | A | - | - |
| Chrome Plating Solutions | D | D | D | B | D | - | D | A | A | D | - |
| Chromic Acid 10% | | B | D | D | C | A | A | A | B | - | A |
| Chromic Acid 30% | | B2 | D | D | B | A2 | B | A | A | D | A |
| Chromic Acid 5% | C | A | D | D | A | A | A | A | A | - | A |
| Chromic Acid 50% | D | B2 | D | D | B | A2 | A1 | A | A | D | A |
| Chromium Alum | - | - | - | - | - | - | - | - | - | - | - |
| Chromium Salts | - | - | - | - | - | - | - | - | - | - | - |
| Cider | B | A | A | A | A | - | - | - | A | - | - |
| Citric Acid | C | A2 | A | A | A | A | A | A | A | A | A |
| Citric Oils | C | A | A | A | B | - | C | A | A | B | - |
| Clorox® (Bleach) | A | A | D | D | B | A | D | A | A | - | - |
| Cobalt Chloride(2n) | D | - | A | A | C | - | D | A | A | C | - |
| Coffee | A | A | A | A | A | - | - | - | A | - | - |
| Coke Oven Gas | - | - | C | - | D | A | - | A | A | D | - |
| Copper Acetate | D | C | B | - | A | - | D | A | - | A | - |
| Copper Chloride | - | D | A | A | A | A | A | A | A | - | - |
| Copper Cyanide | D | B | A | A | A | A | A | A | A | - | - |
| Copper Fluoborate | - | D | B | - | - | - | - | - | A | - | - |

Chemical Compatibility: A = Excellent B = Good C = Fair, not recommended D = Severe effect, not recommended

1. Good resistance up to 22°C (72°F) 2. Good resistance up to 48°C (120°F) - = Data not available

| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|--------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Copper Fluoride | - | - | - | - | - | - | - | - | - | - | - |
| Copper Nitrate | D | A2 | A | A | - | A | A | A | A | - | - |
| Copper Sulfate >5% | D | B | A | A | A | A | A | A | A | - | A |
| Copper Sulfate 5% | D | B | A | A | A | A | A | A | A | - | A |
| Cream | A | A | A | A | - | - | - | A | A | - | - |
| Cresols | A | A | D | D | D | A2 | A | - | A | - | - |
| Cresylic Acid | B2 | A | D | A1 | D | B1 | - | A | A | - | - |
| Crude Oil | - | - | - | - | - | - | - | - | - | - | - |
| Cupric Acid | D | B2 | B2 | A2 | A2 | - | A | A | A2 | - | - |
| Cyclohexane | A | A | B | D | D | A | A | A | A | D | A |
| Cyclohexanol | C | B | B | B | C | A | C | A | A | C | - |
| Cyclohexanone | A | A2 | D | D | B | D | A | A | D | - | A |
| Cyniac Acid | - | A | C | - | - | - | - | A | A | - | - |
| Decane | - | - | B | A | C | - | - | A | A | C | - |
| Deklin | - | - | D | B | D | - | - | A | A | D | - |
| Denaturated Alcohol | A | A | A | A | A | - | A | A | B | A | - |
| Detergents | B | A1 | A | A | A | A | A | A | A | - | A |
| Developing Fluids | - | B | A | - | A | - | - | A | A | A | - |
| Diacetone | A | A | D | D | A | A | A | A | D | A | - |
| Diacetone Alcohol | A1 | B | D | A1 | A | D | - | A | D | - | - |
| Dibenzyl Ether | B | B | D | - | C | - | B | A | C | C | - |
| Dibenzyl Sebecate | - | - | D | - | B | - | - | A | B | B | - |
| Dibutyl Amine | - | - | C | D | D | - | A | B | D | - | - |
| Dibutyl Ether | B | B | B | D | C | - | B | A | C | C | - |
| Dibutyl Phthalate | A | A | D | C | A | - | A | A | B | A | - |
| Dichloro Isopropyl Ether | D | - | D | D | C | - | D | A | C | C | - |
| Dichlorobenzene | - | - | - | - | - | - | - | - | - | - | - |
| Dichloroethane | B1 | B | D | D | - | A | - | A1 | C | D | D |
| Dichloroethylene | - | - | - | - | - | - | - | - | - | - | - |
| Diclorobenzene | B1 | B1 | D | C1 | D | A | - | A | C | D | D |
| Dicyclohexylamine | - | - | D | - | D | - | - | A | B | D | - |

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1. Good resistance up to 22°C (72°F) 2. Good resistance up to 48°C (120°F) - = Data not available

| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|-------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Diesel Fuel | A1 | A1 | A | A1 | D | A | A | A | A | D | D |
| Diethyl Benzene | - | - | D | - | D | - | - | A | A | D | - |
| Diethyl Ether | B | B | B | - | D | A | B | A | D | D | - |
| Diethyl Sebecate | A | A | D | A | B | - | A | A | A | B | - |
| Diethylamine | B | A | C | A1 | B | D | - | D | A | - | - |
| Diethylene Glycol | B1 | A | A2 | A2 | A2 | A | - | A2 | A2 | - | - |
| Diisobutylene | B | B | B | - | - | - | B | A | A | - | - |
| Diisopropyl Benzene | - | - | D | - | D | - | - | A | A | D | - |
| Diisopropyl Ketone | - | - | D | - | A | A | - | A | D | A | - |
| Dimethyl Aniline | A | - | D | A | B | A | A | A | C | B | - |
| Dimethyl Formamide | A | A | C | A | - | A | A | A | A | - | - |
| Dimethyl Phthalate | - | B | D | A | B | A | - | A | C | B | - |
| Dinitrotoluene | - | - | D | - | D | - | - | A | B | D | - |
| Diocetyl Phthalate | A | A | D | - | B | A | A | A | A | B | - |
| Diocetyl Sebecate | - | - | D | - | B | - | - | A | B | B | - |
| Dioxane | B | A | D | C | A | A | B | A | D | A | - |
| Dioxolane | - | - | D | - | C | - | - | A | B | C | - |
| Dipentene | A | A | C | - | D | - | A | A | A | D | - |
| Diphenyl | B2 | B | D | D | D | - | - | A | A2 | - | - |
| Diphenyl Oxide | B1 | A | A | D | D | B2 | A | A1 | A | - | - |
| Disodium Phosphate | - | - | - | - | - | - | - | - | - | - | - |
| Dowtherm Oil | C | A | - | - | D | A | C | A | A | D | - |
| Dry Cleaning Fluids | A | A | C | D | D | - | A | A | A | D | - |
| Dyes | B | A | - | - | - | - | - | - | A | - | - |
| Ehtyl Chloride | B | A | A | D | A | A | A | A | A | D | D |
| Epichlorohydrine | D | A | D | B | B | A | D | A | A | B | - |
| Epsom Salts (Magnesium) | B1 | B | A | A | A | A | A | A | A | - | - |
| Etanol | B | A | C | A | A | - | - | A | A | A | A |
| Ethane | - | A1 | A | D | D | A | - | A | A | - | - |
| Ethanolamine Ether | B | A | B | D | B | C1 | A | A1 | D | - | A |
| Ethyl Acetate | B1 | A | D | D | C | B1 | A | A | C | - | B |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|--------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Ethyl Acetoacetate | A | - | D | - | B | A | A | A | A | B | - |
| Ethyl Alcohol Ethanol | - | - | - | - | - | - | - | - | - | - | - |
| Ethyl Benzene | A | B | D | D | D | - | A | A | A | D | - |
| Ethyl Benzoate | - | - | D | B1 | - | D | - | A | A1 | - | - |
| Ethyl Cellosolve | - | - | C | - | A | - | A | A | B | A | - |
| Ethyl Cellulose | B | B | B | - | B | - | B | A | A | B | - |
| Ethyl Chlorocarbonate | D | - | - | - | - | - | D | A | A | - | - |
| Ethyl Chloroformate | D | - | - | D | - | - | D | A | A | - | - |
| Ethyl Ether | B1 | B | D | D | D | A2 | A | A | D | - | D |
| Ethyl Formate | C | B | D | - | B | A | C | A | C | B | - |
| Ethyl Mercaptan | B | B | D | - | D | - | B | A | B | D | - |
| Ethyl Oxalate | A | - | D | - | A | - | A | A | B | A | - |
| Ethyl Pentochlorobenzene | D | - | D | D | D | - | D | A | A | D | - |
| Ethyl Silicate | B | A | A | - | A | - | B | A | A | A | - |
| Ethyl Sulfate | - | D | A | - | - | - | - | A | A | - | - |
| Ethylene | A | A | B | - | C | - | A | A | A | C | - |
| Ethylene Bromide | B | A | D | D | C | A | - | A | A | - | - |
| Ethylene Chloride | B | B | D | C1 | D | A | A | A | B | - | B |
| Ethylene Chlorohydrin | B | B | D | D | B | A | - | A | A | D | - |
| Ethylene Diamine | B1 | B | A | - | A | B | A | A | B | - | A |
| Ethylene Dichloride | A1 | B | D | D | C | A | A | A | A | D | C |
| Ethylene Glycol | A | B | A | A | A | A | A | A | A | A | A |
| Ethylene Oxide | D | B | D | D | C | A | D | A | D | - | - |
| Ethylene Trichloride | D | A | D | D | D | - | D | A | A | D | - |
| Fatty Acids | A | A | B | A | D | A | - | A | A | D | - |
| Ferric Chloride | D | D | A | A | A | A | A | A | A | - | D |
| Ferric Nitrate | D | B | A | A | A | A | A | A | A | - | A |
| Ferric Sulfate | D | A | A | A | A | A | A | A | A | - | - |
| Ferrous Chloride | D | D | A | A | - | A | A | A | A | - | A |
| Ferrous Sulfate | B1 | B | A2 | A | A | A | A | A | B | - | - |
| Fish Oil | - | - | A | - | - | - | - | A | A | - | - |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|--------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Fluoboric Acid | D | B | A | A | A2 | A1 | A | A | B | - | A |
| Fluorinate Cyclic Ethers | D | - | - | D | - | - | D | - | - | - | - |
| Fluorine | A | A | D | D | A1 | A1 | D | D | C | - | C |
| Fluoro Carbon Oils | D | - | - | D | A | - | D | A | A | A | D |
| Fluorobenzene | D | - | D | D | D | - | D | A | A | D | - |
| Fluorolube | - | - | C | - | A | - | - | A | A | A | - |
| Fluosilicic Acid | D | B | A | A | A2 | A1 | A | A | B1 | - | A |
| Formaldehyde 100% | A | A | C | C | A | A | B | A | D | A | A |
| Formaldehyde 40% | B | A | B | A | A | A | A | A | A | A | - |
| Formic Acid | A | A1 | C | A1 | A | A | A | A | C | A | A |
| Freon® 11 | D | A | B | A | D | A | A | A | B | - | - |
| Freon 113 | - | - | A | D | D | B | A | A | B | - | - |
| Freon 12 | B1 | B | A | A2 | B | A | A | A | B | - | - |
| Freon 218 | D | - | A | - | A | - | D | A | A | A | - |
| Freon 22 | D | A | D | B | A | A | A | A | D | A | A |
| Freon Bf | D | - | B | - | - | - | D | A | - | - | - |
| Freon Mf | D | - | A | - | - | - | D | A | - | - | - |
| Freon T P35 | D | - | A | - | A | - | D | A | A | A | - |
| Freon T Wd602 | D | - | B | - | B | - | D | A | A | B | - |
| Freon Ta | D | - | A | - | A | - | D | A | C | A | - |
| Freon Tc | D | - | A | - | B | - | D | A | A | B | - |
| Freon TF | D | A | A | D | D | B | D | A | B | D | - |
| Freon Tmc | D | - | B | - | B | - | D | A | A | B | - |
| Freon112 | D | - | B | - | D | - | D | A | A | D | - |
| Freon114 | D | - | A | D | C | A | D | A | A | C | - |
| Freon114b2 | D | - | B | - | D | - | D | A | B | D | - |
| Freon115 | D | - | A | - | A | - | D | A | B | A | - |
| Freon13 | D | - | A | D | A | - | D | A | A | A | - |
| Freon13b1 | D | - | A | - | A | - | D | A | A | A | - |
| Freon142b | D | - | A | - | A | - | D | A | D | A | - |
| Freon152a | D | - | A | - | A | - | D | A | D | A | - |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|--------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Freon21 | D | - | D | D | D | A | D | A | A | D | - |
| Freon31 | D | - | D | - | A | - | D | A | D | A | - |
| Freon32 | D | - | A | - | A | - | D | A | D | A | - |
| Freon502 | D | - | B | - | - | - | D | A | B | - | - |
| Freonc316 | D | - | A | - | A | - | D | A | A | A | - |
| Freonc318 | D | - | A | - | A | - | D | A | A | A | - |
| Fruit Juice | A | A | A | B | - | A | - | A | A | - | - |
| Fuel Oils | C1 | A | A | A | D | B | A | B | A | - | D |
| Fumaric Acid | - | - | C | - | - | - | - | A | A | - | - |
| Furan | - | - | D | C | D | - | - | A | C | D | - |
| Furan Resin | A | A | D | D | C | D | A | A | D | A | - |
| Furfural | A1 | B | D | D | D | B2 | A | A | D | - | A |
| Gallic Acid | D | B | B | A | B | A1 | A | B | A | - | A |
| Gasoline (high-aromatic) | D | A | A | A | D | A | A | B | A | - | C |
| Gasoline, leaded, ref. | A | A2 | A2 | B | D | A | A | A | A1 | - | C |
| Gasoline, unleaded | A2 | A2 | A1 | C1 | D | A | A | A | A1 | - | C |
| Gelatin | A | A2 | A | A | A | A | - | A | A | - | A |
| Glucose | A | A | A | A | A | A | B | A | A | - | A |
| Glue, P.V.A. | A | A2 | A2 | - | A | - | - | A | B | - | A |
| Glycerin | A | A | A | A | A | A | A | A | A | D | A |
| Glycolic Acid | - | A | A | A | A | B | A | A | A | - | - |
| Glycols | B | B | A | A | A | A | B | A | A | A | - |
| Gold Monocyanide | - | A | A | - | - | A | - | D | A | - | - |
| Grape Juice | - | A | A | - | A | A | - | A | A | - | - |
| Grease | - | A | A | - | D | A | - | A | A | D | - |
| Green Sulfate Liquor | - | - | A | A | A | - | - | A | A | A | - |
| Halowax Oil | - | - | D | - | D | - | - | A | A | D | - |
| Heptane | A | A | A | C2 | D | A | A | A | A | A | A |
| Hexane | A | A | A | B1 | D | A | A | A | A | - | C |
| Honey | A | A | A | A | A | A | - | A | A | - | - |
| Hydraulic Oil (Petro) | A | A | A | D | D | A | D | A | A | D | A |

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|-------------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Hydraulic Oil (Synthetic) | A | A | D | D | A | A | - | A | A | - | - |
| Hydraulic Oils (Petroleum) | A | A | A | D | C | A | A | A | A | C | C |
| Hydraulic Oils(Synthetic) | A | A | C | D | - | A | A | - | A | - | A |
| Hydrazine | - | A | B | C | A | A | - | A | A | - | - |
| Hydrobromic Acid 100% | D | D | D | C1 | A | A | A1 | A | A | - | A |
| Hydrobromic Acid 20% | D | D | D | A2 | A | A | - | - | A | - | A |
| Hydrochloric Acid 10% | D | D | D | A | D | A | D | A | A | - | - |
| Hydrochloric Acid 38% | D | D | - | B | A | A | D | A | A | A | A |
| Hydrochloric Acid 37% | D | D | B | C | C | A | D | A | A | C | C |
| Hydrochloric Acid, Dry Gas | D | D | - | B | - | A | A | A | - | - | - |
| Hydrocyanic Acid | A | A | B | A | B | A | B | A | A | A | A |
| Hydrocyanic Acid (Gas 10%) | - | - | B | A | A | - | - | A | A | - | - |
| Hydrofluoric Acid 100% | D | B1 | D | D | D | A | D | A | B | D | A1 |
| Hydrofluoric Acid 20% | D | D | D | D | D | A | A | A | A | - | - |
| Hydrofluoric Acid 50% | D | D | D | D | D | A | A | A | B | - | - |
| Hydrofluoric Acid 75% | D | D | D | D | C | A | B | A | B | - | - |
| Hydrofluosilicic 20% | D | B1 | A | A | A | A | A | A | A | - | - |
| Hydrofluosilicic Acid 100% | D | D | B | A | A | A1 | A1 | A | A | - | A |
| Hydrogen Gas | A | A | A | A | A | A | A | A | A | - | A |
| Hydrogen Peroxide 5% | - | - | - | - | - | - | - | - | - | - | - |
| Hydrogen Peroxide 10% | A | B | D | A | A | A | A | A | A | - | A |
| Hydrogen peroxide 100% | A | A2 | D | B1 | D | A1 | C | A | A | - | - |
| Hydrogen Peroxide 30% | A | B | D | B1 | B | A | A1 | A | A | - | A |
| Hydrogen Peroxide 50% | A | A2 | D | B1 | B | A1 | - | A | A | - | - |
| Hydrogen Sulfide (acqua) | B | A | D | A1 | B | A | A | A | D | - | A |
| Hydrogen Sulfide (dry) | B | A | D | A1 | B | A | A | A | D | - | A |
| Hydrogen Sulfide (Wet) (Cold) | D | A | C | A | A | - | D | A | A | A | A |
| Hydrogen Sulfide (Wet) (Hot) | D | A | D | A | A | - | D | A | B | A | A |
| Hydroquinone | B | B | D | A | D | - | - | A | B | - | - |
| Hydroxyacetic Acid 70% | - | - | A | - | A | A | - | A | A | - | - |
| Hypochlorous Acid | D | D | D | A | B | A | D | A | A | B | - |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|--------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Ink | - | C | A | - | - | A | - | A | A | - | A |
| Iodine | A | D | B | C | B | A2 | D | A | A | - | A |
| Iodine (in alcohol) | B | - | - | - | A | A | - | - | - | - | - |
| Iodine Pentafluoride | - | - | D | - | D | - | - | A | D | D | - |
| Iodoform | - | A | D | - | A | C | - | C | - | - | - |
| Isobutyl Alcohol | - | - | - | - | - | - | - | - | - | - | - |
| Isooctane | A1 | A1 | A2 | A2 | D | A2 | A | A | A1 | D | A2 |
| Isophorone | A | A | D | - | C | - | A | A | D | C | - |
| Isopropyl Acetate | D | A | D | B1 | B | D | - | A | D | - | C |
| Isopropyl Chloride | D | A | D | D | D | - | D | A | B | D | - |
| Isopropyl Ether | A | A | B | B | D | D | - | A1 | D | - | A |
| Isotane | D | - | A | D | - | A | - | - | A | - | - |
| Jet Fuel (JP3, JP4, JP5) | A | A | A | A1 | D | B | A | A | A | D | - |
| Kerosene | A | A | A | B | D | A | A | A | A | D | C |
| Ketones | B | A | D | C | A | C1 | A | A | D | D | C |
| Lacquer Thinners | A | A | D | D | D | - | - | A | D | D | - |
| Lacquers | A | A | D | D | D | D | - | A | D | - | - |
| Lactic Acid | B | B1 | A | B | A | B1 | A | A | A | - | A |
| Lard | A | A | A | B1 | D | A | - | A | A | A | A |
| Latex | A | A2 | A | A2 | A | A | - | A | A | - | - |
| Lead Acetate | D | B1 | B | A1 | A | A | A | A | D | - | A |
| Lead Nitrate | D | B1 | A2 | A2 | A2 | A2 | A | A1 | A2 | - | A |
| Lead Sulfamate | C | C | B | A2 | A | A | - | B | A | - | - |
| Ligroin | D | A | A | A2 | D | A | - | A | A | - | - |
| Lime | A | A | A | - | A | A | - | A1 | A | - | A |
| Lime Bleach | D | A | A | B | A | - | D | A | A | A | - |
| Lime Sulfur | - | A | D | A | C | A | - | A | A | C | - |
| Lindol | - | - | D | - | A | - | - | A | B | A | - |
| Linoleic Acid | A2 | A | B1 | B1 | D | A2 | - | A | B1 | - | - |
| Liquefied Petroleum Gas | - | - | A | D | D | - | - | A | A | D | - |
| Lithium Chloride | D | A2 | A2 | A2 | A1 | A2 | - | A | A1 | - | D |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|--|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Lithium Hydroxide | D | B | C | - | - | - | - | A | - | - | D |
| Lubricants | A2 | A2 | A | A1 | D | A | A | A | A | - | A |
| Lubricating Oils (Petroleum) | A | A | A | B | D | A | A | A | A | D | - |
| Lye: Ca(OH) ₂ Calcium Hydroxide | C1 | B | A | A2 | A | A2 | A | A | B1 | - | - |
| Lye: KOH Potassium Hydroxide | D | A1 | B1 | A | A2 | A | A | A | B | - | - |
| Lye: NaOH Sodium Hidroxide | D | B1 | A1 | A | B1 | D | A | A | B1 | A | A |
| Magnesium Bisulfate | D | A1 | B | A2 | - | - | - | A | - | - | - |
| Magnesium Carbonate | A | B | A2 | A | A | A | - | A1 | A | - | - |
| Magnesium Chloride | D | D | A2 | A2 | A | A | A1 | A | A2 | - | A |
| Magnesium Hydroxide | C1 | A1 | A | A | A | A | A | A | A | - | A |
| Magnesium Nitrate | B | B | A | A | A | A | A | A | A | - | A |
| Magnesium Oxide | B | A | A | - | - | - | - | A | C | - | - |
| Magnesium Sulfate (Epsom Salts) | B1 | B | A | A | A | A | A | A | A | - | - |
| Maleic Acid | B1 | B | D | A | D | A | B | A | A | - | A |
| Maleic Anhydride | A | A | D | D | D | A | - | A | A | - | - |
| Malic Acid | B1 | A2 | A | A1 | D | A | - | A | A | - | - |
| Manganese Sulfate | B1 | B2 | A2 | - | A2 | A2 | A2 | A | A2 | - | - |
| Mash | A | A | A | - | A | - | - | - | A | - | - |
| Mayonnaise | A | A | C | - | - | A | - | A | A | - | - |
| Mehtyl Butyl Ketone | - | A | D | D | A1 | D | - | - | D | - | - |
| Melamine | - | D | C | A | A | - | - | A | A | - | - |
| Mercuric Chloride (dilute) | D | D | A | B | A1 | A | A | A | A | - | A |
| Mercuric Cyanide | D | C | A | B | A1 | A | A | B | A1 | - | - |
| Mercurous Nitrate | D | A1 | B1 | A | A1 | A | - | A | A1 | - | - |
| Mercury | D | A | A | B | A | A | - | A | A | - | A |
| Mesityl Oxide | A | A | D | - | B | - | A | A | D | B | - |
| Methane | A | A | A | A | D | A | - | A | A | D | - |
| Methanol (Methyl Alcohol) | A1 | A | A | A2 | A | A | A | A | C | A | A |
| Methyl Acetate | A | B | D | D | B | B1 | - | A | D | - | - |
| Methyl Acetate | A | A | D | - | A1 | D | - | A | D | - | - |
| Methyl Acrylate | - | - | D | D | B | B1 | - | - | D | - | - |

Chemical Compatibility: A = Excellent B = Good C = Fair, not recommended D = Severe effect, not recommended

1. Good resistance up to 22°C (72°F) 2. Good resistance up to 48°C (120°F) - = Data not available

| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|------------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Methyl Alcohol 10% | A1 | A | A | A2 | A | A | A | A | C | - | A |
| Methyl Bromide | D | A | B1 | C | D | A | - | A | A | D | C |
| Methyl Cellosolve | B | B | A1 | B | B2 | A | - | A | D | A | - |
| Methyl Chloride | D | A | D | D | D | A | B | A | A1 | D | - |
| Methyl Cyclopentane | - | - | B | - | D | - | - | A | A | D | - |
| Methyl Dichloride | - | - | D | D | D | D | - | - | A1 | - | - |
| Methyl Ethyl Ketone | B | A | D | B | A2 | D | A | A | D | D | A |
| Methyl Ethyl Ketone Peroxide | - | - | D | - | D | - | - | - | D | - | - |
| Methyl Formate | A | B | D | - | A | - | A | A | D | A | - |
| Methyl Isobutyl Ketone | B | B | D | A | B1 | D | A | A | D | - | - |
| Methyl isopropyl Ketone | A | A | D | - | C1 | - | - | A | D | - | - |
| Methyl Methacrylate | - | B | D | D | D | B1 | - | - | D | - | - |
| Methyl Oleate | - | - | D | - | C | - | - | A | B | C | - |
| Methyl Salicylate | A | - | D | B | C | - | A | A | B | C | - |
| Methylacrylic Acid | - | - | - | - | B | - | - | A | B | B | - |
| Methylamine | A | A | B | A2 | A1 | C | - | A | D | - | - |
| Methylene Chloride | C | B | D | B1 | C1 | B1 | A | A | B | D | B |
| Milk | A | A | A1 | B | A | A2 | - | A | A | - | A |
| Mineral Spirits | A | A | A | B | D | - | A | A | A | - | - |
| Molasses | A | A | A | B | A1 | B1 | - | A | A | - | A |
| Mono, Di, Tribasic | D | A | A | A | - | - | D | - | A | B | A |
| Monobromoro Benzene | - | - | - | - | - | - | D | - | - | D | - |
| Monochloroacetic acid | D | A1 | D | - | C | B1 | - | A2 | C | D | D |
| Monochlorobenzene | D | A | D | D | D | A | - | A | A | D | - |
| Monoethanolamine | B | A | B1 | B | B | C | A | A | D | - | - |
| Monomethyl Aniline | - | - | D | C | D | - | - | A | C | A | - |
| Monomethyl Ether | - | - | B | - | A | - | - | A | A | A | - |
| Monovynil Acetylene | - | - | A | - | A | - | B | A | A | A | - |
| Morpholine | A1 | A1 | D | B2 | D | B1 | C | A2 | - | - | - |
| Motor Oil | A1 | A2 | A | A1 | D | B | A | A | - | - | - |
| Mustard | B | A | B | A | A | A | - | A | D | A | - |

Chemical Compatibility: A = Excellent B = Good C = Fair, not recommended D = Severe effect, not recommended

1. Good resistance up to 22°C (72°F) 2. Good resistance up to 48°C (120°F) - = Data not available

| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|-----------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| N Hexaldehyde | A | A | D | - | B | - | A | A | C | B | - |
| N Hexene 1 | - | - | A | - | D | - | - | A | A | D | - |
| N Octane | - | - | D | D | D | - | D | A | A | D | - |
| Naphtha | A | A | A | B | D | A | A | B | A | D | C |
| Naphthalene | B1 | A | D | B | D | A2 | A | A | A | D | A |
| Napthenic Acid | B | A | B | - | D | - | A | A | A | D | - |
| Natural Gas | A | A | A | A | D | - | - | A | A | D | - |
| Neatsfoot Oil | A | A | A | - | B | - | - | A | A | B | - |
| Neville Acid | - | - | C | - | B | - | D | A | A | B | - |
| Nickel Acetate | D | - | B | - | A | A | - | A | A | A | - |
| Nickel Chloride | D | C | A1 | A | A1 | A | A | A | A | - | A |
| Nickel Nitrate | D | B2 | A1 | A2 | A2 | A2 | - | A2 | A2 | - | A |
| Nickel Sulfate | D | B1 | A1 | A | A1 | A | A | A | A | - | A |
| Niter Cake | - | - | A | - | A | - | A | A | A | A | - |
| Nitrating Acid (<1% Acid) | D | A | - | C | - | - | C | A | - | D | - |
| Nitrating acid (<15% H2SO4) | D | C | - | C | - | - | C | A | - | D | - |
| Nitrating Acid (<15% HNO3) | D | D | - | C | - | - | C | A | - | D | - |
| Nitrating Acid (>15% H2SO4) | D | C | D | C | A1 | - | D | A | - | D | - |
| Nitric Acid (20%) | D | A | D | A2 | A1 | A | C | A | A | D | D |
| Nitric Acid (50%) | D | A1 | D | B | D | A1 | C | A | A | D | D |
| Nitric Acid (5-10%) | A | A | D | A | A1 | A1 | B1 | A | A | - | A |
| Nitric Acid (Concentrated) | D | A1 | D | D | D | A1 | C | A | A | D | D |
| Nitric Acid Red Fuming | A | A | D | D | D | - | - | A | B | D | - |
| Nitro Ethane | A | A | D | C | B | - | A | A | C | B | - |
| Nitrobenzene | B | B | D | B1 | B1 | A1 | A2 | A | B | - | A |
| Nitrobenzine | - | - | - | - | C | - | A | A | A | C | - |
| Nitrogen Fertilizer | - | - | - | - | - | - | - | A | - | - | - |
| Nitrogen Tetroxide | D | - | D | D | C | - | - | A | C | C | - |
| Nitrogen(Gas) | A | A | A | A | A | A | D | A | A | A | - |
| Nitromethane | A | A1 | D | B2 | B2 | A2 | A2 | A | D | - | - |
| Nitrous Acid | D | B | - | A | A | B | - | A | B | - | - |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|------------------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Nitrous Oxide | B | B | - | D | A | D | - | A | B | - | - |
| O Dichloro Benzene | A | - | D | D | - | - | A | - | A | A | - |
| Octachloratoluene | D | - | D | D | D | - | A | A | A | D | - |
| Octadecane | - | - | - | - | D | - | - | A | A | D | - |
| Octane | - | - | - | - | - | - | - | - | - | - | - |
| Oils: Aniline | D | A | D | A | B | A | - | A | C | - | - |
| Oils: Anise | - | A | - | - | - | - | - | - | - | - | - |
| Oils: Bay | - | A | - | - | - | A | - | - | A | - | - |
| Oils: Bone | - | A | A | A | - | A | - | A | A | - | - |
| Oils: Castor | A | A | B | A | B | A | - | A | A | D | - |
| Oils: Cinnamon | - | A | - | D | - | - | - | A | A | - | - |
| Oils: Clove | B | A | A | - | - | - | - | A | A | - | - |
| Oils: Coconut | A | A | A | A1 | D | A | - | A | A | - | - |
| Oils: Cod Liver | A | A | A | A1 | A | A | - | A | A | - | - |
| Oils: Corn | A | A | D | A2 | C | A | - | A | B | A | - |
| Oils: Cottonseed | A | A | A | A | D | A | A | A | A | - | B |
| Oils: Creosote | B | B | D | C | D | - | - | A | A | - | A |
| Oils: Diesel Fuel (20, 30, 40, 50) | A | A | A | A1 | D | A | A | A | A | D | D |
| Oils: Fuel (1, 2, 3, 5A, 5B, 6) | C1 | A | B | B | D | B | A | A | B | - | D |
| Oils: Ginger | - | D | A | - | A | A | - | A | A | - | - |
| Oils: Hydraulic Oil (Petro) | A | A | A | D | D | A | D | A | A | D | A |
| Oils: Hydraulic Oil (Synthetic) | A | A | D | D | A | A | - | A | A | - | - |
| Oils: Lemon | A | A | - | - | D | A | - | A | A | - | - |
| Oils: Linseed | B | A | A | A | D | A | B | A | A | - | A |
| Oils: Mineral | A | A | A | A | D | A | A | A | A | D | C |
| Oils: Olive | A | A | D | A | D | - | - | A1 | A | - | - |
| Oils: Orange | A | A | A | A | - | A | - | - | A | - | - |
| Oils: Palm | - | A | A | - | A | A | - | A | A | - | - |
| Oils: Peanut | A | A | A | D | D | A | - | A | A | - | - |
| Oils: Peppermint | D | A | D | - | - | A | - | A | A | - | - |
| Oils: Pine | A | A | D | B | D | A | - | A | A | - | - |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Oils: Rapeseed | - | A | D | D | A | A | - | A | A | - | - |
| Oils: Rosin | B1 | A1 | A | A2 | - | A | - | A | A | - | A |
| Oils: sesame Seed | - | A | A | A | - | A | - | A | A | - | - |
| Oils: Silicone | A | A | A | A | A | A | A1 | A | A | - | - |
| Oils: Soybean | A | A | A | A1 | C | A | - | A | A | - | - |
| Oils: Sperm (whale) | - | A | A | - | - | A | - | A | A | - | - |
| Oils: Tanning | - | A | A | - | - | A | - | - | A | - | - |
| Oils: Tranformer | A | A | A | B | D | A | - | A | A | - | A |
| Oils: Turbine | A | A | B | B1 | A | A | - | A | A | - | - |
| Oleic Acid | A | A | B | B1 | B | A | A | A | B | - | A |
| Oleum 100% | B | A | D | D | D | D | A1 | A | A | - | - |
| Oleum 25% | B | B | D | D | D | C1 | A1 | A | A | - | - |
| Oleum Spirits | D | B | D | D | C | - | A | A | A | C | D |
| Oxalic Acid (cold) | A | A | D | A2 | A | B | A | A1 | A | A | A |
| Oxygen Cold | A | A | C | C | B | A | A | A | A | B | - |
| Oxygen 200 400 F | A | A | D | D | D | - | A | A | B | D | - |
| Ozone | B | A | D | B | A | A | - | A | A | - | B |
| Paint Thinner, Duco | A | A | A | D | D | - | - | A | B | D | - |
| Palmitic Acid | B | A1 | A2 | B1 | B1 | A2 | - | A2 | A1 | A | - |
| Paraffin | A | A | B | A1 | D | A | - | A | B | - | A |
| Pechloric Acid | D | C | D | C | B | A | - | A | A | - | C |
| Pentane | B | C | A | D | D | A | - | A | A | - | - |
| Perchloric Acid 10% | - | - | - | - | - | - | - | - | - | - | - |
| Perchloric Acid 70% | - | - | - | - | - | - | - | - | - | - | - |
| Perchloroethylene | C | A1 | C | D | D | A | A | A | A | D | B |
| Petrolatum | - | A | A | D | A | A | - | C | A | - | - |
| Petroleum | D | A1 | A2 | B1 | D | A | - | A2 | A2 | C | C |
| Petroleum Above 250 | A | A | C | - | D | - | A | A | B | D | C |
| Petroleum Below 250 | A | A | A | A | D | A | A | A | A | D | C |
| Phenil (Carbolic Acid) | A | B | D | B | B | A1 | A | A | A | - | B |
| Phenol (10%) | A | B | D | B1 | B | A | A | A | A | - | - |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|--------------------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Phenol (Carbolic Acid) | B | A | D | C | C | A | B | A | A | C | D |
| Phenyl Ethyl Ether | - | - | D | D | D | D | - | A | C | D | - |
| Phenyl Hydrazine | - | - | D | D | C | C | - | A | A | C | - |
| Phenylbenzene | - | - | D | - | D | - | - | A | A | D | - |
| Phorone | - | - | D | D | C | C | - | A | A | C | - |
| Phosphoric Acid 20% | C | A | D | A2 | B | A | A | A | A | - | - |
| Phosphoric Acid 40% | C | B | D | A2 | B | A | A | A | A | - | B |
| Phosphoric Acid 40% - 100% | C | B | D | A2 | B | A | A | A | A | - | A2 |
| Phosphoric Acid (crude) | C | B | D | B2 | B | A | A | A | A | - | - |
| Potassium Chromate | B1 | B1 | A1 | A | A2 | B | - | A1 | A | - | - |
| Potassium Cupro Cyanide | - | - | A | - | A | - | - | A | A | A | - |
| Potassium Cyanide Solutions | D | B1 | A1 | A | A1 | A | A | A | A | - | - |
| Potassium Dichromate | B | B1 | A1 | A | A1 | A | A | A | A | - | A |
| Potassium Ferricyanide | B2 | B1 | D | A2 | A | A2 | - | A2 | A | - | - |
| Potassium Ferrocynaide | B1 | B | D | A | A | A | - | A | A | - | - |
| Potassium Hydroxide (Caustic Potash) | D | A1 | B1 | A | A2 | A | A | A | B | - | A |
| Potassium Hypochlorite | D | B | A1 | - | A1 | A1 | A | A2 | - | - | - |
| Potassium Iodide | B1 | A1 | A1 | A2 | A | A2 | A2 | A2 | A | - | B |
| Potassium Nitrate | B | B | A2 | A | A | A | A | A | A | - | A |
| Potassium Oxalate | B1 | B1 | - | - | - | - | - | A2 | - | - | - |
| Potassium Permanganate | B1 | B | C | A1 | A | A | A | A | A | - | A |
| Potassium Sulfate | C | A | A2 | A | A1 | A | A | A | A2 | - | A |
| Potassium Sulfide | D | B | A | A | A | A | A | A | A | - | - |
| Producer Gas | - | - | A | - | C | - | - | A | A | C | - |
| Propane (liquefied) | A | A | A | A | D | A | - | A | A | - | A |
| Propyl Acetate | - | - | D | C | C | A | - | A | D | C | - |
| Propyl Alcohol | - | - | - | - | - | - | - | - | - | - | - |
| Propyl Nitrate | A | - | - | - | B | - | A | A | C | B | - |
| Propylene | A | A1 | D | - | D | - | - | A2 | A1 | - | - |
| Propylene Glycol | B | B | A | A2 | A | - | - | A | A | - | B |
| Propylene Oxide | B | A | - | C | B | D | B | A | - | B | - |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|-----------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Pydrauls | - | - | D | - | B | A | - | A | A | B | - |
| Pyranol | - | - | A | - | D | - | - | A | A | D | - |
| Pyridine | B | A | D | A2 | B | D | A | A | D | A | A |
| Pyrogallic Acid | B | B | - | A | B | A | - | A | A | - | - |
| Pyroligneous Acid | D | B | C | - | B | A | D | A | A | B | - |
| Pyrrole | - | - | D | - | C | - | - | A | C | C | - |
| Radiation | - | - | B | - | C | - | - | A | B | C | - |
| Red Oil | - | - | A | - | B | - | - | A | A | B | - |
| Resorcinal | - | - | - | A2 | B1 | - | - | A2 | A1 | D | - |
| Rosins | B1 | A1 | A2 | A2 | - | - | - | A | A | - | A |
| Rum | - | A | A | A | A | - | - | - | A | - | - |
| Rust Inhibitors | - | A | A | A | - | - | - | - | A | - | - |
| Sal Ammoniac | D | A | A | - | A | - | D | A | A | A | - |
| Salad Dressings | B | A | A | A | - | - | - | - | A | - | - |
| Salicyaldehyde | - | - | - | - | - | - | - | - | - | - | - |
| Salicylic Acid | B2 | B2 | B | A1 | A | A | - | A2 | A1 | - | - |
| Salt Brine (NaCl saturated) | B1 | A2 | A | A | A | A | A | A2 | A2 | - | A |
| Sea Water | B | C | A2 | A | A2 | A | A | A | A | A | A |
| Sewage | B | A | A | A | B | - | B | A | A | B | - |
| Shellac (Bleached) | A | A | A2 | A | A2 | - | - | A | A | - | - |
| Shellac (Orange) | A | A | A | A | A | - | - | A | A | - | - |
| Silicate Esters | - | - | A | - | D | - | - | A | A | D | - |
| Silicone | A | A | A | A | A | A | A1 | A | A | - | - |
| Silicone Greases | - | - | A | - | A | - | - | A | A | A | - |
| Silver Bromide | D | D | - | - | - | - | - | A | - | - | - |
| Silver Chloride | - | - | - | - | - | - | - | - | - | - | - |
| Silver Cyanide | - | - | - | - | - | - | - | - | - | - | - |
| Silver Nitrate | D | B | B | A1 | A | A | A | A | A | - | A |
| Skydrol 500 | - | - | D | - | A | A | - | A | C | A | - |
| Skydrol 7000 | - | - | D | - | C | A | - | A | B | C | - |
| Soap Solutions | C | A1 | A | A | A | A1 | A | A | A | A | A |

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|---------------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Soda Ash (see Sodium Carbonate) | D | A | A1 | A | A2 | A | A | A | A | - | A |
| Sodium Acetate | B | B1 | B | A | A | A | A | A | D | - | A |
| Sodium Aluminate | - | A | A | - | A | - | A | A | A | - | - |
| Sodium Benzoate | A1 | - | B | A2 | A | A2 | - | A2 | A1 | - | A |
| Sodium Bicarbonate | D | A1 | A1 | A | A2 | A | A | A | A | - | A |
| Sodium Bichromate | - | - | - | - | - | - | - | - | - | - | - |
| Sodium Bisulfate | D | C | B2 | A | A2 | A | A | A | A | - | A |
| Sodium Bisulfite | D | B1 | A2 | A | A2 | A | A | A | A | - | A |
| Sodium Borate | C | B | A | A | A | A | C | A | A | A | A |
| Sodium Borate (Borax) | C | B | A1 | A2 | A | A | A | A | A | - | A |
| Sodium Bromide | D | C | - | - | A | A2 | - | A2 | A1 | - | - |
| Sodium Carbonate | D | A | A | A | A2 | A | A | A | A | - | - |
| Sodium Chlorate | B | A | A | A | A | A | B | A | A | A | B |
| Sodium Chloride | C | C | A | A | A | A | C | A | A | A | A |
| Sodium Chromate | D | - | A | A | - | - | D | A | A | A | - |
| Sodium Cyanide | D | B1 | A | A | A2 | A | A | A | A2 | - | A |
| Sodium Dichromate | - | - | - | - | - | - | - | - | - | A | - |
| Sodium Ferrocyanide | A | B | A | A | A | A | - | A | A | - | - |
| Sodium Fluoride | B | D | A1 | A | A | A | - | A1 | A | - | - |
| Sodium Hydrosulfite | A | - | C | - | B | - | - | A | A | - | - |
| Sodium Hydroxide (20%) | D | B2 | A | A | B | A | A | A | C | - | A |
| Sodium Hydroxide (50%) | D | B1 | A1 | A | B1 | A | A | A | D | - | A |
| Sodium Hydroxide (80%) | D | B1 | D | A | B1 | A | A | A1 | D | - | A |
| Sodium Hypochlorite (<20%) | D | C | B | C | B | A | A | A | A1 | - | A |
| Sodium Hypochlorite (100%) | D | D | D | C | B1 | A | A | A | A1 | - | A |
| Sodium Hyposulfate | D | A | - | - | - | - | - | A | - | - | - |
| Sodium Metaphosphate | C | A | A | A1 | A | A | - | A | A | - | A |
| Sodium Metasilicate | D | A | A | A | A1 | - | - | A | A | - | - |
| Sodium Nitrate | B | B1 | A1 | A | A | A | A | A | A | - | A |
| Sodium Nitrite | - | - | - | - | - | - | - | - | - | - | - |
| Sodium Perborate | C | B | B | A | A | - | - | A | A | - | A |

Chemical Compatibility: A = Excellent B = Good C = Fair, not recommended D = Severe effect, not recommended

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|----------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Sodium Peroxide | C | A | B | B | A | A | - | A | A | - | A |
| Sodium Polyphosphate | D | B | A | A | A | A | - | A | A | - | A |
| Sodium Silicate | A | B | A | A | A | A | A | A | A | - | A |
| Sodium Sulfate | A | B1 | A | A | A | A | A | A | A | - | A |
| Sodium Sulfide | D | D | A | A | A2 | A | A | A | A2 | - | A |
| Sodium Sulfite | C1 | A | A | A2 | A | A | - | A | A2 | - | A |
| Sodium Tetraborate | C | A | A | - | A | - | - | A | A | - | A |
| Sodium Thiosulfate | A | B | B | A2 | A2 | A | A | A | A | - | A |
| Sorghum | - | A | A | - | - | - | - | - | A | - | - |
| Soy Sauce | A | A | A | - | - | - | - | - | A | - | - |
| Stannic Chloride | D | D | A | A | A | A | A | A | A | - | - |
| Stannic Fluoborate | - | A | A | - | - | - | - | - | A | - | - |
| Stannic Fluoroborate | D | - | A | - | - | - | D | - | A | D | - |
| Stannous Chloride | D | A2 | A | A | C | A | A1 | A | A | - | - |
| Starch | A | A | A | A2 | A | - | - | A | A | - | - |
| Steam 220 300 F | A | A | D | - | A | A | A | D | D | A | - |
| Stearic Acid | B | A | B | A2 | B | A | - | A | A1 | A | - |
| Stoddard Solvent | A | A | A | C | D | A | A | A | A | D | - |
| Styrene | A | A | D | - | D | - | - | A | B | - | - |
| Sucrose Solutions | - | - | A | - | A | - | - | A | A | C | - |
| Sugar (Liquids) | A | A | A | A | A | - | - | A | A | - | - |
| Sulfate (Liquors) | D | B | A2 | A | A | A | - | A | A1 | - | A |
| Sulfite Liquors | D | B | A | - | B | A | D | A | A | - | - |
| Sulfur | D | A | B | A | A | A | D | A | A | - | - |
| Sulfur Chloride | D | D | D | C | D | A | D | A | A | A | C |
| Sulfur Dioxide | D | A | D | A | A | A | D | A | D | A | B |
| Sulfur Dioxide (dry) | B | A | D | A1 | A2 | A | A | A | A | - | A |
| Sulfur Hexafluoride | D | - | B | - | A | - | D | A | A | A | B |
| Sulfur Trioxide | D | B | C | - | C | - | D | A | A | - | C |
| Sulfur Trioxide Dry | A | C | D | D | C | - | A | A | A | C | - |
| Sulfuric Acid (<10%) | D | B | A1 | A2 | A | A | A | A | A | - | D |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|---------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Sulfuric Acid (10-50%) | D | D | B1 | B1 | B2 | A | A | A | A2 | A | D |
| Sulfuric Acid 75-100%) | D | D | C | C1 | B1 | A | A1 | A | A1 | C | D |
| Sulfuril Chloride | - | - | - | - | - | - | - | A | - | - | - |
| Sulfurous Acid | B1 | B | B1 | A | B | A | A | A | A | - | D |
| Syrup | A | A | A | A | - | - | A | - | A | - | - |
| Tall Oil | - | - | - | - | - | - | - | - | - | - | - |
| Tallow | A | A | A | A2 | A | - | - | A | A | - | A |
| Tannic Acid | C | A | A | A | A | B | A | A | A | A | A |
| Tanning Liquors | A | A2 | B1 | A1 | B | - | - | A | A | - | - |
| Tar, Bituminous | - | B | B | D | D | A | - | A | A | D | - |
| Tartaric Acid | B1 | C2 | A | A | B | B | A | A | A | A | A |
| Terpineol | A | A | C | B | B | - | A | A | A | B | - |
| Tertiary Butyl Alcohol | - | - | A | B | A | - | - | A | B | A | - |
| Tertiary Butyl Catechol | C | A | D | B | B | - | C | A | A | B | - |
| Tertiary Butyl Mercaptan | - | - | D | D | D | - | - | A | A | D | C |
| Tetra Bromo Methane | D | - | D | D | D | - | D | A | A | D | - |
| Tetra Butyl Titanate | - | - | B | B | B | - | - | A | A | B | - |
| Tetrachloroethane | C | A | D | C | D | A | - | A | A | D | - |
| Tetrachloroethylene | - | A | D | D | D | - | - | A | A | - | B |
| Tetraethyl Lead | - | - | B | A | D | - | - | A | A | D | - |
| Tetrahydrofuran | - | A | D | C2 | D | B1 | A | A | D | D | B |
| Tetralin | A | A | D | D | D | - | A | A | A | D | - |
| Thionyl Chloride | D | - | D | D | D | A | D | A | A | D | - |
| Tin Salts | D | D | A | A | B | A | - | A | A | - | - |
| Titanium Tetrachloride | D | B | C | D | D | - | D | A | A | D | - |
| Toluene (Toluol) | A | A | D | C | D | A | A | A | C | D | C |
| Toluene Diisocyanate | - | - | - | - | A | - | - | A | - | A | - |
| Tomato Juice | A | A | A | A | A | A | A | A | A | - | A |
| Transformer Oil | A | A | B | B | D | A | A | A | A | D | - |
| Transmission Fluid Type A | A | A | A | - | D | - | A | A | A | A | - |
| Triacetin | B | - | A | - | A | - | B | A | C | A | - |

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| | ALLUMINIUM | AISI 316 | NBR | PP | EPDM | PVDF | PPS | PTFE | FPM | SANTOPRENE | PE |
|---------------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Triaryl Phosphate | D | D | - | A | - | - | A | A | A | - | - |
| Tributoxy Ethyl Phosphate | - | - | D | - | A | - | - | A | B | A | - |
| Tributyl Mercaptan | - | - | D | - | D | - | - | A | A | D | - |
| Trichloroacetic Acid | D | C | - | A | B | B | A | A | C | - | - |
| Trichloroethane | D | B | D | C | D | A | - | A | A | D | - |
| Trichloroethylene | D | B | D | C1 | D | B | A1 | A | A | D | C1 |
| Trichloropropane | D | A | D | - | - | - | - | A1 | A | - | - |
| Tricresylphosphate | D | B | D | A1 | A | D | - | A | A2 | - | - |
| Triethanol Amine | B | A | B | A | B | A | B | A | B | B | - |
| Triethyl Aluminum | - | D | D | - | - | - | - | A | B | - | - |
| Triethyl Borane | - | D | D | - | - | - | - | A | A | - | - |
| Triethylamine | - | A | C | D | A | A2 | - | A | D | - | - |
| Trinitrotoluene | - | D | D | - | D | - | - | A | C | D | - |
| Trioctyl Phosphate | - | D | D | - | A | - | - | A | B | A | - |
| Trisodium Phosphate | D | B | A | A | A | A | A | A | A | - | A |
| Tung Oil | A | A | A | - | C | - | A | A | B | C | - |
| Turpentine | A | A | - | D | D | A | A | A | A | D | D |
| Unleaded Gasoline | A | D | A | D | D | - | A | A | A | D | - |
| Urea | B | B | B | A | A | A | A | A | A | - | A |
| Uric Acid | D | B | - | - | - | - | - | A | - | A | - |
| Urine | B | A | A1 | A | A1 | A | - | A1 | A1 | - | A |
| Varnish | A | A | B | A | D | - | - | A | A | - | A |
| Vegetable Juice | D | A | A2 | - | A | - | - | A | A | - | - |
| Vinegar | D | A | B | A | A | B | A | A | A | - | A |
| Vinyl Acetate | A1 | B | D | B1 | B2 | A2 | - | A2 | A1 | - | D |
| Vinyl Chloride | B1 | A1 | D | - | C | B1 | - | A2 | A1 | - | - |
| Water, Acid, Mine | D | B | A | A | A | A | A | A | A | - | - |
| Water, Delonized | A2 | A2 | A1 | A2 | A1 | A2 | A | A2 | A1 | - | - |
| Water, demineralized, Distilled | A | A | A | A | A | A | A | A | A | A | - |
| Water, Fresh | B | A | A | A | A | A | A | A | A | A | A |
| Water, Salt | B | B | A | A | A | A | A | A | A | A | A |

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|--------------------------|------------|----------|-----|----|------|------|-----|------|-----|------------|----|
| Weed Killers | D | A | A | - | - | - | - | - | A | - | - |
| Whey | B | A | A | - | - | - | - | A | A | - | - |
| Whiskey & Wines | C1 | A | A | A | A | A | - | A | A | - | A |
| White Liquor (Pulp Mill) | B | A | A | A1 | - | A1 | - | A | A | - | - |
| White Water (Paper Mill) | - | A | - | A | - | - | - | - | A | - | - |
| Xylene | A1 | B | D | B | D | A | A | A | B | D | C1 |
| Zinc Chloride | D | B | A | A | A | A | A | A | A | A | A |
| Zinc Hydrosulfite | D | A | A | - | A | - | A | A | - | - | - |
| Zinc Sulfate | B | A | B | A | B | A | B | A | B | B | - |
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