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|---|-------------|---------|---------|---------|-------------|--------------|-----|-------------|------------|--|------------|----------------|----------------|---------|
| Sheet Materials Chemical Compatibility Chart | | | | | | | | | | | | | | |
| Revised to match Compressed Fiber & Graphite Sheet Brochure (US), and to reflect any possible attack on material binder (NBR, inc THERMICULITE) Novus Grades added. Corriculite and SF4300 added | | | | | | | | | | | | | | |
| Key: A = Suitable B = Depends on operating conditions** B* = Corrosion of SS316 core possible under certain conditions C = Not suitable | | | | | | | | | | | | | | |
| As a general guide, TH 835 Spirals and TH845 Flexpros may be assumed to have the same compatibility as TH 815; however, any variations in winding metal or core from standard SS316 must be taken into account | | | | | | | | | | | | | | |
| ** One or more components of material may be degraded. Higher temperature will exacerbate attack; higher concentration may exacerbate attack if viscosity of medium does not increase significantly with concentration; higher gasket load will mitigate attack (limited to edge in contact with media) | | | | | | | | | | | | | | |
| The given ratings apply only to materials adequately clamped between flanges, and not to freely - immersed samples | | | | | | | | | | | | | | |
| Medium | SIGMA® | | | | | Thermiculite | | | Flexicarb | Compressed Fiber | | | | |
| | 500/501 U50 | 511 U51 | 533 U53 | 588 U58 | 600 800 U60 | 815 HI Temp | 715 | Corriculite | (FG) FI TI | SF2401 N45, N30 SF3300 N34 SF3500 N28 SF4300 | SF2420 N26 | SF5000 N10 N49 | TH714 N48 Acid | HDS - 1 |
| Abietic Acid | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Acetaldehyde | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Acetamide | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Acetic Acid (Crude, Glacial, Pure) | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Acetic Anhydride | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Acetone | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Acetonitrile | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Acetophenone | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| 2-Acetylaminofluorene | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Acetylene | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Acrolein | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Acrylamide | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Acrylic Acid | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Acrylic Anhydride | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Acrylonitrile | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Adipic Acid | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Adiponitrile | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Air | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Alkaline lye | B | B | A | A | A | B | B | B | B | B | B | A | A | B |
| Allyl Acetate | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Allyl Chloride | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Allyl Methacrylate | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Aluminum Chloride | A | A | A | A | A | B* | B | B* | B* | B | B | B* | A | B |
| Aluminum Fluoride | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Aluminum Hydroxide (solid) | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Aluminum Nitrate | A | A | A | A | A | B* | B | B* | B* | B | B | B | A | B |
| Aluminum Sulphate | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | A |
| Alums | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | A |
| 4-Aminodiphenyl | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Ammonia, Gas, 65°C and below | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Gas, above 65°C | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Liquid, Anhydrous | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Ammonium Chloride | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | A |
| Ammonium Hydroxide | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Ammonium Nitrate | A | A | A | A | A | A | A | A | B | B | B | B | A | B |
| Ammonium Phosphate, Monobasic | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Dibasic | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Tribasic | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Ammonium Sulphate | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | A |
| Amyl Acetate | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Amyl Alcohol | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Aniline, Aniline Oil | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Aniline Dyes | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| o-Anisidine | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Antimony Trichloride | A | A | A | A | A | B* | A | B* | B* | B | B | B | A | B |
| Aqua Regia | A | A | A | A | A | B* | B | B* | B* | C | C | C | B | C |
| Arsenic Acid | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Arsenous Acid | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Aroclors | A | A | A | A | A | A | A | A | A | B | A | A | B | B |
| Asphalt | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Aviation Gasoline | A | A | A | A | A | A | A | A | A | B | A | A | A | A |
| Barium Chloride | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | A |
| Barium Hydroxide | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Barium Sulphide | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Baygon | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Beer | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Benzaldehyde | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Benzene, Benzol | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Benzene Sulphonic Acid | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Benzidine | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Benzic Acid | A | A | A | A | A | A | A | A | A | B | B | B | A | B |
| Benzonitrile | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Benzoquinones | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Benzotrifluoride | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Benzoyl Chloride | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Benzyl Alcohol | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Benzyl Chloride | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Biphenyl | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Bis(2-chloroethyl)ether | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Bis(chloromethyl)ether | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Bis(2-ethylhexyl)phthalate | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Black Sulphate Liquor | B | B | A | A | A | A | A | A | A | B | B | A | A | B |
| Blast Furnace Gas | A | A | A | A | A | A | B | A | A | B | B | B | B | B |
| Bleaching Agents | | | | | | | | | | | | | | |
| Calcium Hypochlorite | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | A |
| Chlorine Dioxide, Wet | A | A | A | A | A | B* | B | B* | B* | C | C | C | B | C |
| Chlorine Water | A | A | A | A | A | B* | A | B* | B* | B | B | B | A | B |
| Chlorite | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | A |
| Hydrosulphite | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | A |
| Lithium Hypochlorite | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | A |
| Peroxides Dilute | A | A | A | A | A | A | A | A | A | B | B | B | A | B |
| Sodium Hypochlorite | A | A | A | A | A | B* | B | B* | B* | B | B | B | A | B |
| Boiler Feed Water | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Borax | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Boric Acid | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Brine (Sodium Chloride) | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | A |
| Bromine | A | A | A | A | A | B | C | B | B | C | C | C | B | C |
| Bromine Trifluoride | C | C | C | B | B | C | C | C | C | C | C | C | B | C |
| Bromoform | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Bromomethane | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Butadiene | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Butane | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| 2-Butanone | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| Iso-Butyl Acetate | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| n-Butyl Acetate | A | A | A | A | A | A | A | A | A | B | B | B | B | B |
| n-Butyl Acrylate | A | A | A | A | A | A | A | A | A | B | B | B | A | B |
| Butyl Alcohol, Butanol | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| n-Butyl Amine | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| tert-Butyl Amine | A | A | A | A | A | B | B | B | B | B | B | B | A | B |
| n-Butyl Methacrylate | A | A | A | A | A | B | B | B | B | B | B | B | B | B |
| Butyric Acid | A | A | A | A | A | A | A | A | A | B | B | B | A | B |

| | SIGMA® | | | | | Thermiculite | | | Flexicarb (FG) FI TI | Compressed Fiber | | | | |
|-------------------------------------|----------------|------------|------------|------------|-------------------|----------------|-----|------------|-------------------------------|--|---------------|----------------------|-------------------|---------|
| | 500/501 U50 | 511 U51 | 533 U53 | 588 U58 | 600 800 U60 | 815 HH Temp | 715 | Corrculite | | SF2401 N45, N30 SF3300 N34 SF3500 N28 SF4300 | SF2420 N26 | SF5000 N10 N49 | TH714 N48 Acid | HDS - 1 |
| Medium | | | | | | | | | | | | | | |
| Potash, Potassium Carbonate | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Potassium Acetate | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Potassium Bichromate | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Potassium Chromate, Red | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Potassium Cyanide | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Potassium Dichromate | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Potassium, Elemental | C | C | C | C | C | C | C | C | A | C | C | C | C | C |
| Potassium Hydroxide | B | B | A | A | A | A | B | A | A | B | B | A | A | B |
| Potassium Nitrate | A | A | A | A | A | A | A | A | A | B | B | B | A | B |
| Potassium Permanganate | A | A | A | A | A | A | A | A | A | B | B | B | A | B |
| Potassium Sulphate | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Producer Gas | A | A | A | A | A | A | A | B | A | A | A | A | A | A |
| Propane | A | A | A | A | A | A | A | B | A | A | A | A | A | A |
| 1,3-Propane Sultone | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| Beta-Propiolactone | A | A | A | A | A | A | B | B | A | B | B | B | A | B |
| Propionaldehyde | A | A | A | A | A | A | B | B | A | B | B | B | A | B |
| Propoxur (Bavoon) | A | A | A | A | A | A | B | B | A | B | B | B | A | B |
| Propyl Nitrate | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| Propylene | A | A | A | A | A | A | A | A | A | B | A | A | A | A |
| Propylene Dichloride | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| Propylene Oxide | A | A | A | A | A | A | B | B | A | C | C | C | B | C |
| 1,2-Propylenimine | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| Prussic Acid, Hydrocyanic Acid | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Pvridine | A | A | A | A | A | A | B | B | A | C | C | C | B | C |
| Quinoline | A | A | A | A | A | A | B | B | A | B | B | B | A | B |
| Quinone | A | A | A | A | A | A | B | B | A | B | B | B | A | B |
| Refrigerants | | | | | | | | | | | | | | |
| 10 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 11 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 12 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 13 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 13B1 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 21 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 22 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 23 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 31 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 32 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 112 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 113 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 114 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 114B2 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 115 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 123 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 124 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 125 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 134a | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 141b | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 142b | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 143a | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 152a | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 218 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 290 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 500 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 502 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| 503 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| C316 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| C318 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| HP62 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| HP80 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| HP81 | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| Salt Water | A | A | A | A | A | A | B* | A | B* | A | A | A | A | A |
| Saltpeter, Potassium Nitrate | A | A | A | A | A | A | A | A | A | B | A | B | A | B |
| Sewage | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Silver Nitrate | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Silicone oil | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Skydrols | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| Soap Solutions | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Soda Ash, Sodium Carbonate | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Sodium Bicarbonate, Baking Soda | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Sodium Bisulphate, Dry | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Sodium Bisulphite | A | A | A | A | A | A | B* | A | B* | A | A | A | A | A |
| Sodium Chlorate | A | A | A | A | A | A | B* | A | B* | B | B | B | B | B |
| Sodium Chloride | A | A | A | A | A | A | B* | A | B* | A | A | A | A | A |
| Sodium Cyanide | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Sodium, Elemental | C | C | C | C | C | C | C | C | A | C | C | C | C | C |
| Sodium Hydroxide | B | B | A | A | A | A | B | A | A | B | B | A | A | B |
| Sodium Hypochlorite | A | A | A | A | A | A | B* | B | B* | B | B | B | A | B |
| Sodium Metaborate Peroxyhydrate | A | A | A | A | A | A | A | A | A | B | B | B | B | B |
| Sodium Metaphosphate | B | B | A | A | A | A | A | A | A | A | A | A | A | A |
| Sodium Nitrate | A | A | A | A | A | A | A | A | A | B | B | B | A | B |
| Sodium Perborate | A | A | A | A | A | A | A | A | A | B | B | B | B | B |
| Sodium Peroxide | A | A | A | A | A | A | A | A | A | B | B | B | B | B |
| Sodium Phosphate, Monobasic | B | B | A | A | A | A | A | A | A | A | A | A | A | A |
| Dibasic | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Tribasic | A | A | A | A | A | A | A | A | A | B | B | A | A | B |
| Sodium Silicate | B | B | A | A | A | A | A | A | A | B | B | A | A | B |
| Sodium Sulphate | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Sodium Sulphide | A | A | A | A | A | A | B* | A | B* | A | A | A | A | A |
| Sodium Superoxide | B | B | A | A | A | A | A | B | A | A | B | B | B | B |
| Sodium ThioSulphate, "Hypo" | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Soybean Oil | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Starch | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Stannic Chloride | A | A | A | A | A | A | B* | A | B* | B | B | B | A | B |
| Steam, Saturated, to 10 bar | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Stearic Acid | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Stearyl Methacrylate | A | A | A | A | A | A | A | A | A | A | B | A | A | A |
| Stoddard Solvent | A | A | A | A | A | A | A | A | A | A | B | A | A | A |
| Styrene | A | A | A | A | A | A | B | B | A | A | B | B | A | B |
| Styrene Oxide | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| Sulphur Chloride | A | A | A | A | A | A | B* | B | B* | B* | C | C | B | C |
| Sulphur Dioxide | A | A | A | A | A | A | B | B | A | A | B | B | A | B |
| Sulphur, Molten | A | A | A | A | A | A | B | B | A | A | B | B | B | B |
| Sulphur Trioxide, Dry | A | A | A | A | A | A | B | B | A | C | C | C | A | C |
| Wet | A | A | A | A | A | A | B* | B | B* | B* | C | C | A | C |
| Sulphuric Acid, 10%, 65°C and below | A | A | A | A | A | A | B* | A | B* | B | A | A | A | A |
| 10%, Above 65°C | A | A | A | A | A | A | B* | A | B* | B | B | B | A | B |
| 10-75%, 65°C and below | A | A | A | A | A | A | B* | A | B* | B | B | B | A | B |
| 75-98%, 65°C and below | A | A | B | A | A | A | B* | B | B* | B* | C | C | A | C |
| 75-98%, 65°C to 260°C | A | A | B | A | A | A | B* | B | B* | B* | C | C | B | C |
| Sulphuric Acid, Fuming | A | A | C | A | A | A | B | B | B | B* | C | C | B | C |
| Sulphurous Acid | A | A | A | A | A | A | B* | A | B* | A | B | B | A | B |
| Syltherm 800 | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Syltherm XLT | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Tall Oil | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Tannic Acid | A | A | A | A | A | A | A | A | A | A | B | B | A | B |
| Tar | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| Tartaric Acid | A | A | A | A | A | A | A | A | A | A | B | B | A | B |
| 2,3,7,8-TCDB-p-Dioxin | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| Tertiary Butyl Amine | A | A | A | A | A | A | B | B | A | B | B | B | B | B |
| Tetrabromoethane | A | A | A | A | A | A | B | B | A | B | B | B | B | B |

| Medium | SIGMA® | | | | | Thermiculite | | | Flexicarb (FG) FI TI | Compressed Fiber | | | | |
|--------------------------------|----------------|------------|------------|------------|-------------------|----------------|-----|--------------|-------------------------------|---|---------------|----------------------|-------------------|---------|
| | 500/501 U50 | 511 U51 | 533 U53 | 588 U58 | 600 800 U60 | 815 HH Temp | 715 | Corricultite | | SF2401 N45, N30 SF3300 N34 SF3500 N28 SF4300 | SF2420 N26 | SF5000 N10 N49 | TH714 N48 Acid | HDS - 1 |
| Tetrachlorethane | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Tetrachlorethylene | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Tetrahydrofuran, THF | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Tetra Isopropyl Titanate | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Therminol 44 | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Therminol 55 | A | A | A | A | A | A | A | B | A | B | A | A | A | |
| Therminol 59 | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Therminol 60 | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Therminol 66 | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Therminol 75 | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Therminol D12 | A | A | A | A | A | A | A | B | A | B | A | A | A | |
| Therminol LT | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Therminol VP-1 | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Therminol XP | A | A | A | A | A | A | A | B | A | B | A | A | A | |
| Thionyl Chloride | A | A | A | A | A | B* | B | B* | B* | B | B | A | B | |
| Titanium Sulphate | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Titanium Tetrachloride | A | A | A | A | A | B* | B | B* | B* | C | C | C | C | |
| Toluene | A | A | A | A | A | A | A | B | A | B | B | B | B | |
| 2,4-Toluenediamine | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| 2,4-Toluenediisocyanate | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Toluene Sulfonic Acid | A | A | A | A | A | B | B | B | A | B | B | A | B | |
| Towns gas | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| o-Toluidine | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Toxaphene | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Transformer Oil (Mineral Type) | A | A | A | A | A | A | A | B | A | A | B | A | A | |
| Tributyl phosphate | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Trichloroacetic Acid | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| 1,2,4-Trichlorobenzene | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| 1,1,2-Trichloroethane | A | A | A | A | A | B | B | B | A | C | C | C | C | |
| Trichloroethylene | A | A | A | A | A | B | B | B | A | C | C | C | C | |
| 2,4,5-Trichlorophenol | A | A | A | A | A | B | B | B | A | B | B | A | B | |
| 2,4,6-Trichlorophenol | A | A | A | A | A | B | B | B | A | B | B | A | B | |
| Tricresylphosphate | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Triethanolamine | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Triethyl Aluminium | A | A | A | A | A | B | B | B | B | C | C | C | C | |
| Triethylamine | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Trifluralin | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| 2,2,4-Trimethylpentane | A | A | A | A | A | A | A | B | A | A | B | A | A | |
| Tung Oil | A | A | A | A | A | A | A | B | A | B | A | A | A | |
| Turpentine | A | A | A | A | A | A | A | B | A | B | A | A | A | |
| UCON Heat Transfer Fluid 500 | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| UCON Process Fluid WS | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| Urea | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| Varnish | A | A | A | A | A | A | A | B | A | A | B | A | A | |
| Vegetable oil | A | A | A | A | A | A | A | B | A | A | A | A | A | |
| Vinegar | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| Vinyl Acetate | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Vinyl Bromide | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Vinyl Chloride | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Vinylidene Chloride | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Vinyl Methacrylate | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Water | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| Deionised | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| Desalinated | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| Distilled | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| Mine | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| Potable | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| Return Condensate | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| Seawater | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | |
| Whiskey and Wines | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| White spirit | A | A | A | A | A | A | A | B | A | A | B | A | A | |
| Wood Alcohol | A | A | A | A | A | A | A | A | A | A | A | A | A | |
| Xceltherm 550 | A | A | A | A | A | A | A | A | A | B | A | A | A | |
| Xceltherm 600 | A | A | A | A | A | A | A | A | A | B | A | A | A | |
| Xceltherm MK1 | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Xceltherm XT | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Xylene | A | A | A | A | A | B | B | B | A | B | B | B | B | |
| Zinc Chloride | A | A | A | A | A | B* | A | B* | B* | A | A | A | A | |
| Zinc Sulphate | A | A | A | A | A | A | A | A | A | A | A | A | A | |