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# Chemical Compatibility Chart —
## Chemicals NOT Recommended for Use with Seal-Lok Lite

| Chemical | Compatibility | Chemical | Compatibility |
|---|---|---|---|
| Aluminum Chloride 20% | C | Plating Solutions, Chromium Plating: Fluosilicate Bath 95°F | C |
| Aluminum Fluoride | D | Plating Solutions, Copper Plating (Acid): Copper Fluoborate Bath 120°F | D |
| Aluminum Hydroxide | C | Plating Solutions, Copper Plating (Acid): Copper Sulfate Bath R.T. | D |
| Ammonium Phosphate, Dibasic | C | Plating Solutions, Gold Plating: Acid 75°F | C |
| Ammonium Phosphate, Monobasic | C | Plating Solutions, Gold Plating: 75°F | C |
| Aniline Hydrochloride | D | Plating Solutions, Indium Sulfamate Plating R.T. | C |
| Antimony Trichloride | D | Plating Solutions, Iron Plating: Ferrous Am Sulfate Bath 150°F | C |
| Aqua Regia (80% HCl, 20% HNO3) | D | Plating Solutions, Iron Plating: Ferrous Chloride Bath 190°F | D |
| Aromatic Hydrocarbons | C | Plating Solutions, Iron Plating: Ferrous Sulfate Bath 150°F | C |
| Benzonitrile | D | Plating Solutions, Iron Plating: Fluoborate Bath 145°F | D |
| Bromine | D | Plating Solutions, Iron Plating: Sulfamate 140°F | D |
| Chloric Acid | C | Plating Solutions, Iron Plating: Sulfate-Chloride Bath 160°F | D |
| Chlorine Water | C | Plating Solutions, Lead Fluoborate Plating | C |
| Chlorine, Anhydrous Liquid | C | Plating Solutions, Nickel Plating: Fluoborate 100-170°F | C |
| Copper Chloride | D | Plating Solutions, Nickel Plating: High-Chloride 130-160°F | C |
| Copper Cyanide | B | Plating Solutions, Nickel Plating: Sulfamate 100-140°F | C |
| Copper Fluoborate | D | Plating Solutions, Nickel Plating: Watts Type 115-160°F | C |
| Ethyl Sulfate | D | Plating Solutions, Rhodium Plating 120°F | D |
| Ferric Chloride | D | Plating Solutions, Tin-Fluoborate Plating 100°F | C |
| Ferrous Chloride | D | Plating Solutions, Tin-Lead Plating 100°F | C |
| Hydrobromic Acid 100% | D | Plating Solutions, Zinc Plating: Acid Chloride 140°F | D |
| Hydrobromic Acid 20% | D | Plating Solutions, Zinc Plating: Acid Fluoborate Bath R.T. | C |
| Hydrochloric Acid 100% | D | Plating Solutions, Zinc Plating: Acid Sulfate Bath 150°F | C |
| Hydrochloric Acid 20% | D | Sea Water | C |
| Hydrochloric Acid 37% | D | Silver Bromide | D |
| Hydrochloric Acid, Dry Gas | D | Sodium Bisulfate | C |
| Hydrofluoric Acid 20% | D | Sodium Bromide | C |
| Hydrofluoric Acid 50% | D | Sodium Fluoride | D |
| Hydrofluoric Acid 75% | D | Sodium Hypochlorite (<20%) | C |
| Hydrofluosilicic Acid 100% | D | Sodium Hypochlorite (100%) | D |
| Ink | C | Sodium Sulfide | D |
| Iodine | D | Stannic Chloride | D |
| Lead Sulfamate | C | Sulfur Chloride | D |
| Magnesium Chloride | D | Sulfur Trioxide | C |
| Melamine | D | Sulfuric Acid (10-75%) | D |
| Mercuric Chloride (dilute) | D | Sulfuric Acid (75-100%) | D |
| Mercuric Cyanide | C | Sulfuric Acid (hot concentrated) | C |
| Nickel Chloride | C | Tartaric Acid | C |
| Nitrating Acid (<15% HNO3) | D | Tin Salts | D |
| Nitrating Acid (>15% H2SO4) | C | Trichloroacetic Acid | C |
| Nitrating Acid (Š15% H2SO4) | C | | |
| Oils: Ginger | D | | |
| Pentane | C | | |
| Perchloric Acid | C | | |
| Phosphoric Acid (>40%) | D | | |
| Phosphoric Acid (molten) | C | | |
| Phosphoric Acid (Š40%) | C | | |
| Plating Solutions, Chromium Plating: Barrel Chrome Bath 95°F | D | | |
| Plating Solutions, Chromium Plating: Black Chrome Bath 115°F | C | | |
| Plating Solutions, Chromium Plating: Chromic-Sulfuric Bath 130°F | C | | |
| Plating Solutions, Chromium Plating: Fluoride Bath 130°F | D | | |

**Table B8 – Chemical Compatibility Chart**

### Ratings – Chemical Effect

C = Fair – Moderate Effect. Not recommended for continuous use. Softening, loss of strength, swelling may occur.

D = Severe Effect. Not recommended for ANY use.

Dimensions and pressures for reference only, subject to change.