®

STOP IT® PIPE REPAIR SYSTEM

Chemical Compatibility Guide for FIX STIX™ ***

*** *Note: The chemical compatibility table listed below is to serve only as a reference guide and is based on data obtained from an independent source. It does not represent actual testing performed by InduMar Products, Inc. and should not be interpreted as a warranty, expressed or implied, as to the suitability or compatibility of FIX STIX™ in contact with the listed substances. Before using, the user shall determine the suitability of the product for its intended use and user assumes all risk and liability, whatsoever in connection therewith. No warranty is expressed or implied regarding the accuracy of the data, suitability or the results from use thereof.*

Resistance–Chemical Effect

1 – Excellent
2 – Good
3 – Fair
4 – Not recommended

Superscript Detail

[A] Satisfactory to 72 °F (22.2 °C)
[B] Satisfactory to 120°F (48.8 °C)

Acetaldehyde	1	Barium Nitrate	1[A]	Copper Sulfate 5%	1[A]	Hydrochloric Acid, Dry Gas	1
Acetamide	1	Barium Sulfate	3[A]	Copper Sulfate >5%	1[A]	Hydrochloric Acid 20%	2[A]
Acetate Solvent	1	Barium Sulfide	2[A]	Cream	1	Hydrochloric Acid 37%	1
Acetic Acid, Glacial	2[B]	Beer	1[A]	Cresols	1[A]	Hydrocyanic Acid	1
Acetic Acid 20%	1	Beet Sugar Liquids	1[A]	Cresylic Acid	1[A]	Hydrofluoric Acid 20%	1
Acetic Acid 80%	3	Benzaldehyde	1[A]	Cyanic Acid	1[A]	Hydrofluoric Acid 50%	3[B]
Acetic Acid	3	Benzoic Acid	1[A]	Cyclohexane	1[A]	Hydrofluoric Acid 75%	2[A]
Acetic Anhydride	1	Benzol	1[A]	Detergents	1[A]	Hydrofluositicic Acid 20%	3[A]
Acetone	4	Borax (Sodium Borate)	1[A]	Dichlorethane	2[B]	Hydrofluositicic Acid 100%	3[A]
Acetyl Chloride (Dry)	1	Boric Acid	1[A]	Diesel Fuel	1[A]	Hydrogen Peroxide 10%	3[A]
Acetylene	1	Brewery Slop	1	Diethylamine	1	Hydrogen Peroxide 30%	2
Acrylonitrile	1	Bromine	4	Diethylene Glycol	3	Hydrogen Peroxide 100%	1
Alcohols Amyl	4	Butadiene	1[A]	Diphenyl Oxide	1	Hydrogen Sulfide (Aqua)	1
Benyzl	1[A]	Butane	1[A]	Dyes	1	Hydrogen Sulfide (Dry)	1
Butyl	1	Butanol (Butyl Alcohol)	4	Epsom Salts (Magnesium Sulfate)	1	Hydroxyacetic Acid 70%	1
Diacetone	1	Butter	1	Ethane	1[A]	Ink	1
Ethyl	1[B]	Buttermilk	1[A]	Ethanolamine	1[A]	Iodine	3
Hexyl	1	Butylene	1[A]	Ether	1[A]	Isotane	1
Isobutyl	1	Butylacetate	2[A]	Ethyl Acetate	3[A]	Isopropyl Acetate	1
Isopropyl	1	Butaric Acid	3[A]	Ethyl Chloride	1[A]	Isopropyl Ether	4
Methyl	2[A]	Calcium Bisulfate	1	Ethyl Sulfate	1[A]	Jet Fuel (JP3,-4,-5)	1
Octyl	1	Calcium Bisulfide	1	Ethylene Chloride	2[A]	Kerosene	1
Propyl	1	Calcium Bisulfite	1[A]	Ethylene Dichloride	3[A]	Ketones	3
Aluminum Chloride 20%	1[A]	Calcium Carbonate	1[A]	Ethylene Glycol	3[A]	Lacquers	1
Aluminum Chloride	1[A]	Calcium Chloride	1[A]	Ethylene Oxide	1[A]	Lacquer Thinners	1
Aluminum Fluoride	2[A]	Calcium Hydroxide	1[A]	Fatty Acids	1[A]	Lactic Acid	2[A]
Aluminum Hydroxide	2[A]	Calcium Hypochlorite	1[A]	Ferric Chloride	1[A]	Lard	2
Aluminum Potassium Sulfate 10%	1[A]	Calcium Sulfate	1[A]	Ferric Sulfate	1[A]	Latex	1
Aluminum Potassium Sulfate 100%	1[A]	Calgon	1	Ferrous Chloride	1[A]	Lead Acetate	1
Aluminum Sulfate	1[A]	Cane Juice	1	Ferrous Sulfate	1[A]	Lead Sulfamate	1
Amines	1[A]	Carbolic Acid (See Phenol)	3[A]	Fluoboric Acid	1	Ligroin	1
Ammonia 10%	1[A]	Carbon Bisulfide	1	Fluorine	4	Lime	1
Ammonia, Anhydrous	1	Carbon Dioxide	1[A]	Fluosilicic Acid	3	Lubricants	1
Ammonia, Liquid	1[A]	Carbon Dioxide (Dry)	1[A]	Formaldehyde 40%	1[A]	Magnesium Carbonate	1
Ammonia Nitrate	1	Carbon Dioxide (Wet)	1[A]	Formaldehyde 100%	1	Magnesium Chloride	1
Ammonium Bifluroide	1[A]	Carbon Disulfide	3[A]	Formic Acid	3[A]	Magnesium Hydroxide	1
Ammonium Carbonate	1[A]	Carbon Monoxide	1[A]	Freon 11	1	Magnesium Nitrate	1
Ammonium Casenite	1	Carbon Tetrachloride	1[A]	Freon 12	1	Magnesium Oxide	1
Ammonium Chloride	1[A]	Carbonated Water	1	Freon 22	1	Magnesium Sulfate	1
Ammonium Hydroxide	1[A]	Carbonic Acid	2[A]	Freon 113	1	Maleic Acid	1
Ammonium Nitrate	1[A]	Catsup	1	Freon TF	1	Maleic Anhydride	1
Ammonium Oxalate	1	Chloroacetic Acid	3[A]	Fruit Juice	1	Mash	1
Ammonium Persulfate	1[A]	Chlorinated Glue	1	Fuel Oils	1[A]	Mayonnaise	1
Ammonium Phosphate, Dibasic	1[A]	Chlorine, Anhydrous Liquid	3[A]	Furan Resin	1[A]	Melamine	1
Ammonium Phosphate, Monobasic	1	Chlorine Water	1[A]	Furfural	1[A]	Mercuric Chloride (Dilute)	1
Ammonium Phosphate, Tribasic	1	Chlorobenzene (Mono)	3[B]	Gasoline	1	Mercuric Cyanide	1
Ammonium Sulfate	1[A]	Chloroform	3[A]	Gelatin	2	Mercury	1
Ammonium Thiosulfate	1	Chlorosulfonic Acid	3[A]	Glucose	2	Methanol (Methyl Alcohol)	2[A]
Amyl Acetate	1[A]	Chocolate Syrup	1	Glue, P.V.A.	1	Methyl Acetate	4
Amyl Alcohol	4	Chromic Acid 5%	2[A]	Glycerin	1	Methyl Acrylate	1
Amyl Chloride	1[A]	Chromic Acid 10%	3[A]	Glycolic Acid	1	Methyl Acetone	3
Aniline	3[A]	Chromic Acid 30%	3[A]	Gold Monocyanide	1	Methyl Alcohol 10%	2[A]

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Anti-Freeze	1	Chromic Acid 50%	4	Grape Juice	1	Methyl Bromide	2
Aqua Regia (80% HCl, 20% HNO_3)	4	Cider	1	Grease	1	Methyl Butyl Ketone	3
Arochlor 1248	1[A]	Citric Acid	1[A]	Heptane	1	Methyl Cellosolve	3
Aromatic Hydrocarbons	1	Citric Oils	1	Hexane	2	Methyl Dichloride	1
Arsenic Acid	1[A]	Clorox (Bleach)	1	Honey	1	Methyl Ethyl Ketone	3[A]
Asphalt	1	Coffee	1	Hydraulic Oil (Petro)	1	Methyl Isobutyl Ketone	3
Barium Carbonate	1[A]	Copper Chloride	1	Hydraulic Oil (Synthetic)	1	Methyl Isopropyl Ketone	3
Barium Chloride	1[A]	Copper Cyanide	2[A]	Hydrazine	1	Methyl Methacrylate	1
Barium Cyanide	1	Copper Fluoborate	1	Hydrobromic Acid 20%	2[A]	Methylamine	1
Barium Hydroxide	1[A]	Copper Nitrate	1[A]	Hydrobromic Acid 100%	4	Methyllene Chloride	1
Milk	1	Phosphoric Acid (<40%)	1	Acid Fluoborate Bath R.T.	1	Sodium Sulfate	1
Molasses	1	Phosphoric Acid (>40%)	2	Alkaline Cyanide Bath R.T.	1	Sodium Sulfide	1
Mustard	1	Phosphoric Acid (Crude)	2	Potash	1	Sodium Sulfite	1
Naphtha	1	Photographic Developer	1	Potassium Bicarbonate	1	Sodium Tetraborate	1
Naphthalene	1	Picric Acid	1	Potassium Bromide	1	Sodium Thiosulfate (Hypo)	1
Nickel Chloride	1	Plating Solutions		Potassium Carbonate	1	Sorghum	1
Nickel Sulfate	1	Antimony Plating 130°F	2	Potassium Chlorate	1	Soy Sauce	1
Nitrating Acid (>15% H_2SO_4)	4	Arsenic Plating 110°F	2	Potassium Chloride	1	Stannic Chloride	1
Nitric Acid (5-10%)	1[A]	Brass Plating:		Potassium Chromate	3	Stannic Fluoborate	1
Nitric Acid (20%)	2[A]	CU-CD Bronze Bath R.T.	2	Potassium Cyanide Solutions	1	Stannous Chloride	1
Nitric Acid (50%)	4	CU-SN Bronze Bath 160°F	3	Potassium Dichromate	3	Starch	1
Nitric Acid (Concentrated)	4	CU-ZN Bronze Bath 100°F	2	Potassium Ferrocyanide	1	Stearic Acid	2
Nitrobenzene	3[A]	Cadmium Plating:		Potassium Hydroxide (Caustic Potash)	1	Stoddard Solvent	1
Oils: Analine	1	Cyanide Bath 90°F	2	Potassium Nitrate	1	Styrene	1
Anise	1	Fluoborate Bath 130°F	2	Potassium Permanganate	1	Sugar (Liquids)	1
Bay	1	Chromium Plating:		Potassium Sulfate	1	Sulfate (Liquors)	1
Bone	1	Chromic-Sulfuric Bath 130°F	3	Propane (Liquified)	1	Sulfur Chloride	3
Castor	1	Fluosilicate Bath 95°F	3	Propylene Glycol	3	Sulfur Dioxide (Dry)	1[A]
Cinnamon	1	Fluoride Bath 130°F	3	Pyridine	1	Sulfur Trioxide (Dry)	1
Citric	1	Black Chrome Bath 115°F	3	Pyrogallic Acid	1	Sufuric Acid (<10%)	1[A]
Clove	1	Barrel Chrome Bath 95°F	3	Rosins	1	Sulfuric Acid (10-75%)	3[A]
Cocoa Nut	1	Copper Plating (Cyanide):		Rum	1	Sulfuric Acid (75-100%)	1[A]
Cod Liver	1	Copper Strike Bath 120°F	2	Rust Inhibitors	1	Sulfuric Acid (Hot conc)	4
Corn	1	Rochelle Salt Bath 150°F	3	Salad Dressings	1	Sulfuric Acid (Cold conc)	4
Cotton Seed	1[A]	High Speed Bath 180°F	3	Sea Water	1	Sulfurous Acid	1
Creosote	1[A]	Copper Plating (Acid):		Shellac (Bleached)	1	Sulfuryl Chloride	1
Diesel Fuel (20, 30, 40, 50)	1[A]	Copper Sulfate Bath R.T.	4	Shellac (Orange)	1	Tallow	1
Fuel (1,2,3,5A, 5B, 6)	1[A]	Copper Fluoborate Bath 120°F	4	Silicone	1	Tannic Acid	1
Ginger	1	Copper Plating (Misc.)		Silver Bromide	1	Tanning Liquors	1
Hydraulic (See Hydraulic)		Copper Pyrophosphate	2	Silver Nitrate	1	Tartaric Acid	1
Lemon	1	Copper (Electroless)	2	Soap Solutions	1	Tetrachloroethane	1
Linseed	1	Gold Plating:		Soda Ash (See Sodium Carbonate)		Tetrahydrofuran	1
Mineral	1	Cyanide 150°F	4	Sodium Acetate	1	Toluene (Toluol)	2[A]
Olive	1	Neutral 75°F	1	Sodium Aluminate	1	Tomato Juice	1
Orange	1	Acid 75°F	1	Sodium Bicarbonate	1	Trichloroethane	1
Palm	1	Indium Sulfamate Plating R.T.	1	Sodium Bisulfate	1	Trichloroethylene	3[A]
Peanut	1	Iron Plating:		Sodium Bisulfite	1	Trichloropropane	1
Peppermint	1	Ferrous Chloride Bath 190°F	4	Sodium Borate	1	Tricresylphosphate	1
Pine	1	Ferrous Sulfate Bath 150°F	4	Sodium Carbonate	3[A]	Triethylamine	1
Rapeseed	1	Ferrous AM Sulfate Bath 150°F	4	Sodium Chlorate	1	Turpentine	2
Rosin	1	Sulfate Chloride Bath 160°F	4	Sodium Chloride	1	Urine	1
Sesame Seed	1	Fluoborate Bath 145°F	4	Sodium Chromate	3	Varnish	1
Silicone	1	Sulfamate 140°F	1	Sodium Cyanide	1	Vegetable Juice	1
Soybean	1	Lead Fluoborate Plating	1	Sodium Fluoride	1	Vinegar	1
Sperm	1	Nickel Plating:		Sodium Hydroxide (20%)	1[B]	Water, Acid, Mine	1
Tanning	1	Watts Type 115-160°F	4	Sodium Hydroxide (50%)	2[B]	Water, Distilled	1
Turbine	1	High Chloride 130-160°F	4	Sodium Hydroxide (80%)	1[A]	Water, Fresh	1
Oleic Acid	1	Fluoborate 100-170°F	1	Sodium Hypochlorite (<20%)	3	Water, Salt	1
Oleum 25%	4	Sulfamate 100-140°F	1	Sodium Hypochlorite (100%)	4	Weed Killers	1
Oleum 100%	4	Electroless 200°F	2	Sodium Hyposulfate	3	Whey	1
Oxalic Acid (Cold)	1	Rhodium Plating 120°F	1	Sodium Metaphosphate	1	Whiskey and wines	2
Paraffin	1	Silver Plating 80-120°F	1	Sodium Metasilicate	1	White Liquor (Pulp mill)	1
Pentane	1	Tin-Fluoborate Plating 100°F	1	Sodium Nitrate	1	White Water (Paper mill)	1
Perchloroethylene	4	Tin-Lead Plating 100°F	1	Sodium Perborate	2	Xylene	1
Petrolatum	1	Zinc Plating:		Sodium Peroxide	3	Zinc Chloride	1
Phenol (10%)	3	Acid Chloride 140°F	1	Sodium Polyphosphate	1	Zinc Hydrosulfite	1
Phenol (Carbolic Acid)	3	Acid Sulfate Bath 150°F	4	Sodium Silicate	1	Zinc Sulfate	1

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