Chemical Resistance Chart for Tamco® Tanks

TAMCO® INDUSTRIES
www.tamcoindustries.com

REAGENT/CONCENTRATION	PE 70°F	PE 140°F	PP 70°F	PP 140°F	PVC	CPVC	SANTOPRENE	316 SS
ACETONE	C	C	C	C	C	C	-	A
ACETALDEHYDE*/100%	B	C	A	B	C	C	B	A
ACETIC ACID*/10%	A	A	A	A	A	A	B	A
ACETIC ACID*/60%	A	B	A	A	A	A	B	A
ACETIC ANHYDRIDE*	C	C	-	-	C	C	A	A
AIR	A	A	A	A	A	A	A	A
ALUMINUM CHLORIDE/ALL CONC.	A	A	A	A	A	A	A	C
ALUMINUM FLUORIDE/ALL CONC.	A	A	A	A	A	A	A	C
ALUMINUM SULPHATE/ALL CONC.	A	A	A	A	A	A	A	B
ALUMS/ALL TYPES	A	A	A	A	A	A	A	A
AMMONIA/100% DRY GAS	A	A	A	A	B	A	A	A
AMMONIUM CARBONATE	A	A	A	A	A	A	A	B
AMMONIUM CHLORIDE/SAT'D	A	A	A	A	A	A	A	C
AMMONIUM FLUORIDE/SAT'D	A	A	A	A	A	A	-	C
AMMONIUM HYDROXIDE/10%	A	A	A	A	A	A	A	A
AMMONIUM HYDROXIDE/28%	A	A	A	A	C	C	A	A
AMMONIUM NITRATE/SAT'D	A	A	A	A	A	A	A	A
AMMONIUM PERSULPHATE/SAT'D	A	A	A	A	A	A	A	B
AMMONIUM SULPHATE/SAT'D	A	A	A	A	A	A	A	B
AMMONIUM METAPHOSHATE/SAT'D	A	A	A	A	A	A	-	B
AMMONIUM SULFIDE/SAT'D	A	A	A	A	A	A	-	B
AMYL ACETATE*#/100%	C	C	B	C	C	C	B	A
AMYL ALCOHOL*#/100%	C	C	A	B	A	A	B	A
AMYL CHLORIDE*#/100%	C	C	C	C	C	C	C	A
ANILINE*#/100%	C	C	A	A	C	C	B	B
AQUA REGIA+	C	C	C	C	C	C	C	C
ARSENIC ACID/ALL CONC.	A	A	A	A	A	A	A	A
AROMATIC HYDROCARBONS*#	C	C	-	-	C	C	C	C
ASCORBIC ACID/10%	A	A	A	A	A	A	-	-
BARIUM CARBONATE/SAT'D	A	A	A	A	A	A	A	B
BARIUM CHLORIDE/SAT'D	A	A	A	A	A	A	-	A
BARIUM HYDROXIDE	A	A	A	A	A	A	A	B
BARIUM SULPHATE/SAT'D	A	A	A	A	B	B	A	B
BARIUM SULPHIDE/SAT'D	A	A	A	A	A	A	A	B
BEER	A	A	A	A	A	A	A	A
BENZENE*#	C	C	B	C	C	C	C	B
BENZOIC ACID/ALL CONC.	A	A	A	A	A	A	-	B
BISMUTH CARBONATE/SAT'D	A	A	A	A	A	A	-	A

CAUTION: We have compiled this information as a guide for Tamco® products being used for chemical service. It may be considered as a basis for recommendation, but WE MAKE NO WARRANTY AS TO FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ANY MATERIALS PURCHASED. Materials should be tested under actual service conditions to determine their suitability for a particular purpose.

Chemical Resistance Chart for Tamco® Tanks

TAMCO® INDUSTRIES
www.tamcoindustries.com

REAGENT/CONCENTRATION	PE 70°F	PE 140°F	PP 70°F	PP 140°F	PVC	CPVC	SANTOPRENE	316 SS
BLEACHLYE/10%	A	A	A	A	A	A	-	A
BORAX/SAT'D	A	A	A	A	A	A	A	A
BORIC ACID/ALL CONC.	A	A	A	A	A	B	A	A
BORON TRIFLUORIDE	A	A	-	-	A	A	-	-
BRINE	A	A	A	A	A	A	A	C
BROMINE+/LIQUID	C	C	C	C	C	C	C	C
BROMINE WATER#/SAT'D	C	C	C	-	C	C	B	C
BUTANEDIOL*/10%	A	A	A	A	-	-	-	-
BUTANEDIOL*/60%	A	A	A	A	-	-	-	-
BUTANEDIOL*/100%	A	A	A	A	-	-	-	-
BUTTER*	A	A	A	A	-	A	B	A
N-BUTYL ACETATE*#/100%	A	C	C	C	C	B	A	B
N-BUTYL ALCOHOL/100%	C	C	A	-	A	B	A	A
BUTYRIC ACID*/CONC.	C	C	-	-	B	B	A	B
CALCIUM BISULPHIDE	A	A	A	A	A	A	-	B
CALCIUM CARBONATE/SAT'D	A	A	A	A	A	A	A	B
CALCIUM CHLORATE/SAT'D	A	A	A	A	A	A	-	-
CALCIUM CHLORIDE/SAT'D	A	A	A	A	A	A	A	B
CALCIUM HYDROXIDE/CONC.	A	A	A	A	A	A	A	B
CALCIUM HYPOCHLORITE BLEACH/SOL.	A	A	A	B	B	B	A	C
CALCIUM NITRATE/50%	A	A	A	A	A	A	A	A
CALCIUM OXIDE/SAT'D	A	A	-	-	A	A	-	A
CALCIUM SULPHATE	A	A	A	A	A	A	-	B
CAMPHOR OIL*#	C	C	C	C	-	-	-	A
CARBON DIOXIDE/ALL CONC.	A	A	A	A	A	A	A	A
CARBON DISULPHIDE	C	C	B	C	C	C	C-A	B
CARBON MONOXIDE	A	A	A	A	A	A	C	A
CARBON TETRACHLORIDE#	C	C	C	C	B	C	A	B
CARBONIC ACID	A	A	A	A	A	A	B	A
CASTER OIL #/CONC.	A	A	A	A	-	A	C	A
CHLORINE+/100% DRY GAS	C	C	C	C	C	C	-	C
CHLORINELIQUID+	C	C	C	C	A	A	-	C
2% SAT'D SOLUTION	A	A	A	B	A	A	-	C
CHLOROBENZENE*#	C	C	C	C	C	C	C	A
CHLOROFOAM*#	B	C	C	C	C	C	-	A
CHLOROSULPHONIC ACID/100%	C	C	C	C	C	C	A	B
CHROME ALUM/SAT'D	A	A	A	A	A	A	-	A
CHROMIC ACID/80%	-	-	C	-	C	C	C	B
CHROMIC ACID/50%	C	C	C	C	B	B	C	B

CAUTION: We have compiled this information as a guide for Tamco® products being used for chemical service. It may be considered as a basis for recommendation, but WE MAKE NO WARRANTY AS TO FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ANY MATERIALS PURCHASED. Materials should be tested under actual service conditions to determine their suitability for a particular purpose.

Chemical Resistance Chart for Tamco® Tanks

TAMCO® INDUSTRIES
www.tamcoindustries.com

REAGENTS/CONCENTRATION	PE 70°F	PE 140°F	PP 70°F	PP 140°F	PVC	CPVC	SANTOPRENE	316 SS
CHROMIC ACID/10%	A	C	A	C	A	A	C	B
CIDER*	A	A	A	A	-	-	A	A
CITRIC ACID*/SAT'D	A	A	A	A	-	B	A	A
COCONUT OIL ALCOHOLS	A	A	A	A	A	A	-	A
COFFEE	A	A	A	A	A	A	A	A
COLA CONCENTRATES	A	A	A	A	A	A	-	A
COPPER CHLORIDE/SAT'D	A	A	A	A	A	A	A	C
COPPER CYANIDE/SAT'D	A	A	A	A	A	A	A	B
COPPER FLUORIDE/29%	A	A	A	A	A	A	A	A
COPPER NITRATE/SAT'D	A	A	A	A	A	A	-	B
COPPER SULPHATE/SAT'D	A	A	A	A	A	A	-	B
CORN OIL*	A	A	A	A	A	A	-	A
COTTONSEED OIL*	A	A	A	A	A	A	B	A
CUPROUS CHLORIDE/SAT'D	A	A	A	A	A	A	A	C
DETERGENTS, SYNTHETIC*	A	A	A	A	A	A	-	A
DEVELOPERS, PHOTOGRAPHIC	A	A	A	A	A	A	B	A
DEXTRIN/SAT'D	A	A	A	A	A	A	A	A
DEXTROSE/SAT'D	A	A	A	A	A	A	-	A
DIAZO SALTS	A	A	A	A	A	A	-	-
DIBUTYLPHTHALATE*#	B	B	A	B	C	C	-	A
DICHLOROBENZENE*#	C	C	-	-	-	-	B	-
DIETHYL KETONE*#	B	B	-	-	-	-	C	-
DIETHYLENE GLYCOL*	A	A	A	A	C	C	-	A
DIGYLCOLIC ACID*	A	A	-	-	A	A	A	A
DIMETHYLAMINE	C	C	-	-	C	C	B	A
DISODIUM PHOSPHATE	A	A	A	A	A	A	-	A
EMULSIONS, PHOTOGRAPHIC*	A	A	A	A	A	A	-	A
ETHYL ACETATE*#/100%	B	C	B	B	C	C	C	A
ETHYL ALCOHOL*/100%	C	C	A	A	A	A	-	A
ETHYL ALCOHOL*/35%	C	C	A	A	A	A	-	A
ETHYL BENZENE*#	C	C	C	C	-	-	C	A
ETHYL CHLORIDE#	C	C	C	C	C	C	C	A
ETHYL ETHER#	C	C	B	C	C	C	-	A
ETHYLENE CHLORIDE*#	C	C	C	C	C	C	C	A
ETHYLENE GLYCOL*	A	A	A	A	A	A	A	A
FATTY ACIDS*	A	A	A	A	B	B	B	A
FERRIC CHLORIDE/SAT'D	A	A	A	A	A	A	A	C
FERRIC NITRATE/SAT'D	A	A	A	A	A	A	A	A
FERROUS CHLORIDE/SAT'D	A	A	A	A	A	A	A	C
FERROUS SULPHATE	A	A	A	A	A	A	A	A
FISH SOLUBLES*	A	A	A	A	A	A	-	A
FLUOBORIC ACID	A	A	A	A	A	A	A	C
FLUOSILLIC ACID/CONC.	A	B	A	B	A	A	A	B
FLUOSILLIC ACID/32%	A	A	A	A	A	A	A	B

CAUTION: We have compiled this information as a guide for Tamco® products being used for chemical service. It may be considered as a basis for recommendation, but WE MAKE NO WARRANTY AS TO FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ANY MATERIALS PURCHASED. Materials should be tested under actual service conditions to determine their suitability for a particular purpose.

Chemical Resistance Chart for Tamco® Tanks

TAMCO® INDUSTRIES
www.tamcoindustries.com

REAGENT/CONCENTRATION	PE 70°F	PE 140°F	PP 70°F	PP 140°F	PVC	CPVC	SANTOPRENE	316 SS
FORMIC ACID/ALL CONC.	A	A	A	A	A	A	A	C
FRUCTOSE/SAT'D	A	A	A	A	A	A	-	A
FRUIT PULP*	A	A	A	A	A	A	-	A
FURTURAL#/100%	B	C	C	C	C	C	-	B
FURFURYL ALCOHOL*#	B	C	C	C	-	-	-	A
GALLIC ACID*/SAT'D	A	B	A	A	A	B	B	B
GASOLINE*#	B	C	B	C	C	C	C	A
GLUCOSE	A	A	A	A	A	A	A	A
GLYCERINE*	A	A	A	A	A	A	A	A
GLYCOL*	A	A	A	A	A	A	A	A
GLYCOLIC ACID*/30%	A	A	A	A	A	A	A	A
GRAPE SUGAR/SAT'D AG.	A	A	A	A	A	A	-	A
N-HEPTANE*#	B	B	-	-	C	A	C	A
HEXACHLOROBENZENE	A	-	-	-	-	-	-	-
HEXANOL, TERTIARY*	A	A	-	-	-	-	-	A
HYDROBROMIC ACID/50%	A	A	A	A	A	A	B	C
HYDROCHLORIC ACID/37%	A	A	A	A	A	A	-	C
HYDROCYANIC ACID/SAT'D	A	A	-	-	A	A	B	C
HYDROFLUORIC ACID*/60%	A	A	A	A	A	A	C	C
HYDROGEN/100%	A	A	A	A	A	A	-	A
HYDROGEN CHLORIDE/DRY GAS	A	A	A	A	-	-	-	-
HYDROGEN PEROXIDE/30%	B	B	A	-	A	A	-	B
HYDROGEN PEROXIDE/10%	A	A	A	B	A	A	-	B
HYDROGEN SULPHIDE	A	A	A	A	A	A	A	B
HYDROQUINONE	A	A	A	A	A	A	A	-
HYPOCHLOROUS ACID/CONC.	A	A	A	A	A	A	A	-
INKS#	A	A	A	A	A	A	C	C
IODINE+/INK1 SOL'N	B	-	-	-	C	C	A	C
ISOPROPYL ALCOHOL/100%	C	C	A	A	A	A	-	A
LEAD ACETATE/SAT'D	A	A	A	A	A	A	A	A
LEAD NITRATE	A	A	-	-	A	A	-	A
LACTIC ACID*/20%	A	A	A	A	A	A	A	B
LINSEED OIL*/100%			A	A	A	A	B	A
MAGNESIUM CARBONATE/SAT'D	A	A	A	A	A	A	A	A
MAGNESIUM CHLORIDE/SAT'D	A	A	A	A	A	A	A	A
MAGNESIUM HYDROXIDE/SAT'D	A	A	A	A	A	A	A	A
MAGNESIUM NITRATE/SAT'D	A	A	A	A	A	A	A	A
MAGNESIUM SULPHATE/SAT'D	A	A	A	A	A	A	A	A
MERCURIC CHLORIDE/40%	A	A	A	A	A	A	A	C
MERCURIC CYANIDE/SAT'D	A	A	A	A	B	A	A	C
MERCURY	A	A	A	A	B	A	A	A
METHYL ALCOHOL*/100%	C	C	A	A	A	A	A	A
METHYLETHYL KETONE*#/100%	B	C	A	B	C	C	B	A
METHYLETHYL CHLORIDE*#/100%	C	C	B	-	C	C	C	A
MILK	A	A	A	A	A	A	A	A
MINERAL OILS#	B	C	A	B	A	A	C	A

CAUTION: We have compiled this information as a guide for Tamco® products being used for chemical service. It may be considered as a basis for recommendation, but WE MAKE NO WARRANTY AS TO FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ANY MATERIALS PURCHASED. Materials should be tested under actual service conditions to determine their suitability for a particular purpose.

Chemical Resistance Chart for Tamco® Tanks

TAMCO® INDUSTRIES
www.tamcoindustries.com

REAGENT/CONCENTRATION	PE		PP		PVC	CPVC	SANTOPRENE	316 SS
	70°F	140°F	70°F	140°F				
MOLASSES	A	A	A	A	A	A	A	A
NAPHTHA*#	B	C	-	-	A	A	C	A
NAPHTHALENE*#	B	-	A	A	C	C	C	A
NICKEL CHLORIDE/CONC.	A	A	A	A	A	A	A	C
NICKEL NITRATE/SAT'D	A	A	A	A	A	A	-	B
NICKEL SULPHATE/CONC.	A	A	A	A	A	A	A	B
NICOTINE*/DILUTE	A	A	A	A	A	A	-	-
NITRIC ACID/0-30%	A	A	C	C	A	A	B	A
NITRIC ACID+/30-50%	A	B	C	C	A	A	C	A
NITRIC ACID+/70%	A	B	C	C	C	A	C	A
NITRIC ACID+/95-98%	C	C	C	C	C	C	C	A
NITROBENZENE*#/100%	C	C	C	C	C	C	C	A
N-OCTANE	A	A	-	-	-	-	B	-
OLEIC ACID	B	C	A	B	C	A	-	B
OXALIC ACID*/SAT'D	A	A	A	B	A	C	A	B
PERCHLOROETHYLENE*	C	C	-	-	C	B	C	A
PHOSPHORIC ACID/95%	A	A	A	A	B	A	-	B
PHOTOGRAPHIC SOLUTIONS	A	A	A	A	A	A	A	A
PLATING SOLUTIONS* BRASS	A	A	A	A	A	A	-	A
CADIUM	A	A	A	A	A	A	-	A
CHROMIUM	A	A	A	A	A	A	A	C
COPPER	A	A	A	A	A	A	-	A
GOLD	A	A	A	A	A	A	-	A
INDIUM	A	A	A	A	A	A	-	-
LEAD	A	A	A	A	A	A	A	C
NICKEL	A	A	A	A	A	A	-	C
RHODIUM	A	A	A	A	A	A	-	A
SILVER	A	A	A	A	A	A	-	C
TIN	A	A	A	A	A	A	-	C
ZINC	A	A	A	A	A	A	-	C
POTASSIUM BICARBONATE/SAT'D	A	A	A	A	A	A	A	B
POTASSIUM BROMIDE/SAT'D	A	A	A	A	A	A	A	B
POTASSIUM BROMATE/10%	A	A	A	A	A	A	-	B
POTASSIUM CARBONATE	A	A	A	A	A	A	A	B
POTASSIUM CHLORATE/SAT'D	A	A	A	A	A	A	A	B
POTASSIUM CHLORIDE/SAT'D	A	A	A	A	A	A	A	B
POTASSIUM CHROMATE/40%	A	A	A	A	A	A	A	B
POTASSIUM CYANIDE/SAT'D	A	A	A	A	A	A	A	B
POTASSIUM DICHROMATE/40%	A	A	A	A	A	A	A	B
POTASSIUM FERRI/FERRO CYANIDE	sat'd		A	A	A	A	-	A
POTASSIUM FLUORIDE	A	A	A	A	A	A	-	B
POTASSIUM HYDROXIDE/CONC.	A	A	A	A	A	A	A	B
POTASSIUM NITRATE/SAT'D	A	A	A	A	A	A	A	B
POTASSIUM PERBORATE/SAT'D	A	A	A	A	A	A	-	B
POTASSIUM PERCHLORATE/10%	A	A	A	A	A	A	-	B
POTASSIUM PERMANGANATE/20%	A	A	A	A	A	A	A	B
POTASSIUM PERSULPHATE/SAT'D	A	A	-	-	A	A	-	B
POTASSIUM SULPHATE/CONC.	A	A	A	A	A	A	A	B

CAUTION: We have compiled this information as a guide for Tamco® products being used for chemical service. It may be considered as a basis for recommendation, but WE MAKE NO WARRANTY AS TO FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ANY MATERIALS PURCHASED. Materials should be tested under actual service conditions to determine their suitability for a particular purpose.

Chemical Resistance Chart for Tamco® Tanks

TAMCO® INDUSTRIES
www.tamcoindustries.com

REAGENT/CONCENTRATION	PE 70°F	PE 140°F	PP 70°F	PP 140°F	PVC	CPVC	SANTOPRENE	316 SS
POTASSIUM SULPHIDE/CONC.	A	A	A	A	A	A	-	B
POTASSIUM SULPHITE/CONC.	A	A	A	A	A	A	-	B
PROPARGYL ALCOHOL*	A	A	-	-	-	-	-	-
N-PROPYL ALCOHOL*	A	A	A	A	A	-	-	A
PROPYLENE DICHLORIDE*#/100%	C	C	C	C	A	-	-	C
PROPYLENE GLYCOL*	A	A	-	-	C	-	A	B
PYRIDINE*	A	-	A	-	C	B	A	A
RESORCINAL/SAT'D	A	A	-	-	-	-	-	-
SALICYLIC ACID/SAT'D	A	A	-	-	A	A	-	A
SEA WATER	A	A	A	A	A	A	A	A
SELENIC ACID	A	A	-	-	A	A	-	-
SHORTENING*	A	A	A	A	A	A	-	A
SILVER NITRATE SOLUTION	A	A	A	A	A	A	A	A
SOAP SOLUTION*/ANY CONC.	A	A	A	A	A	A	A	A
SODIUM ACETATE/SAT'D	A	A	A	A	B	B	A	B
SODIUM BENZOATE/35%	A	A	A	A	A	A	-	A
SODIUM BICARBONATE/SAT'D	A	A	A	A	A	A	A	B
SODIUM BISULPHATE/SAT'D	A	A	A	A	A	A	-	B
SODIUM BISULPHITE/SAT'D	A	A	A	A	A	A	A	B
SODIUM BORATE	A	A	A	A	A	A	A	B
SODIUM BROMIDE/DILUTE	A	A	A	A	A	A	-	A
SODIUM CARBONATE/CONC.	A	A	A	A	A	A	A	A
SODIUM CHLORATE/SAT'D	A	A	A	A	A	A	A	B
SODIUM CHLORIDE/SAT'D	A	A	A	A	A	A	A	C
SODIUM CYANIDE	A	A	A	A	A	A	A	B
SODIUM DICHROMATE/SAT'D	A	A	A	A	A	A	-	A
SODIUM FERRI/FERRO CYANIDE/SAT'D	A	A	A	A	A	A	-	A
SODIUM FLUORIDE/SAT'D	A	A	A	A	A	A	-	C
SODIUM HYDROXIDE/CONC.	A	A	A	A	A	A	A	B
SODIUM HYPOCHLORITE 1	A	A	A	B	B	B	B	C
SODIUM NITRATE	A	A	A	A	A	A	A	B
SODIUM SULPHATE	A	A	A	A	A	A	A	B
SODIUM SULPHIDE/SAT'D	A	A	A	A	A	A	A	B
SODIUM SULPHITE/SAT'D	A	A	A	A	A	A	-	B
STANNIC CHLORIDE/SAT'D	A	A	A	A	A	A	A	C
STANNOUS CHLORIDE/SAT'D	A	A	A	A	A	A	-	A
STARCH SOLUTION*/SAT'D	A	A	A	A	A	A	A	A
STEARIC ACID*/100%	A	A	A	A	B	B	B	A
SULPHURIC ACID/0-50%	A	A	A	B	A	A	A	C
SULPHURIC ACID+/70%	A	B	A	B	A	A	A	C
SULPHURIC ACID+/80%	A	C	C	C	A	A	A	C
SULPHURIC ACID+/96%	B	C	C	-	C	B	A	C
SULPHURIC ACID+/98-CONC.	B	C	C	-	C	B	B	C
SULPHURIC ACID+/FUMING	C	C	C	C	C	B	-	C
SULPHUROUS ACID	A	A	A	A	A	A	A	B
TALLOW#	A	-	A	A	-	-	B	A
TANNIC ACID*/SAT'D	A	A	A	A	A	A	A	C
TARTARIC ACID	A	A	A	A	A	A	A	A

CAUTION: We have compiled this information as a guide for Tamco® products being used for chemical service. It may be considered as a basis for recommendation, but WE MAKE NO WARRANTY AS TO FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ANY MATERIALS PURCHASED. Materials should be tested under actual service conditions to determine their suitability for a particular purpose.

Chemical Resistance Chart for Tamco® Tanks

TAMCO® INDUSTRIES
www.tamcoindustries.com

REAGENT/CONCENTRATION	PE 70°F	PE 140°F	PP 70°F	PP 140°F	PVC	CPVC	SANTOPRENE	316 SS
TETROLYDROFURAN*#	B	C	C	C	C	C	-	A
TITANIUM TETRACHLORIDE*/SAT'D	C	-	-	-	-	-	C	A
TOLUENE	B	B	C	C	C	C	C	B
TRICHLORORETHYLENE*#	C	C	C	C	C	C	C	A
TRIETHYLENE GLYCOL*	A	A	-	-	-	-	-	A
TRISODIUM PHOSPHATE/SAT'D	A	A	A	A	A	A	-	A
TURPENTINE#	C	C	C	C	B	B	C	A
UREA/30%	A	A	A	A	B	B	-	A
URINE	A	A	A	A	A	A	A	A
VANILLA EXTRACT*	A	A	A	A	-	-	-	-
VINEGAR	A	A	A	A	A	A	A	A
WATER	A	A	A	A	A	A	A	A
WETTING AGENT*	A	A	A	A	-	-	-	-
WHISKEY*	A	A	A	A	A	A	A	A
WINES*	A	A	A	A	C	A	A	A
XYLENE#	C	C	C	C	C	C	C	A
YEAST	A	A	A	A	A	A	-	A
ZINC BROMIDE/SAT'D	A	A	-	-	A	A	-	A
ZINC CARBONATE/SAT'D	A	A	-	-	A	A	-	A
ZINC CHLORIDE/SAT'D	A	A	A	A	A	A	A	A
ZINC OXIDE/SAT'D	A	A	A	A	A	A	-	A
ZINC STERATE	A	A	-	-	A	A	-	A
ZINC SULPHATE/SAT'D	A	A	A	A	A	A	A	A

* Stress-crack agent-Certain surface active materials, although they have no chemical effect on polyethylene, can accelerate the cracking of polyethylene when it is under stress. Although our tanks are generally stress-free, caution should be used when large tanks are unsupported and welded fittings are used.
# Plasticizer-Certain types of chemicals are absorbed to varying degrees by polyethylene, causing swelling, weight gain, softening and some loss of yield strength. These plasticizing materials
cause no actual chemical degradation of the resin. Some of these chemicals have a strong plasticizing effect (e.g. aromatic hydrocarbons benzene), whereas others have weaker effects (e.g. gasoline). Certain plasticizers are sufficiently volatile that, if they are removed from contact with the polyethylene, the part will "dry" out and return to its original condition with no loss of properties.
+ Oxidizers-Oxidizers are the only group of materials capable of chemically degrading polyethylene. The effect on the polyethylene may be gradual even for strong oxidizers and short term effects may not be measurable. However, if continuous, long-term exposure is intended, the chemical effects should be checked.
(1) Welded tank connections are not recommended. USP® uses only the highest quality raw materials available with outstanding resistance to both physical and chemical attack. These charts should be used as a guide for evaluating the suitability of products with the chemical agent to be used. Special consideration must be given to the expected temperature, stress involved in the application and length and type of exposure (i.e. intermittent, or continuous).

A = Resistant, no indication that serviceability would be impaired
B = Variable resistance, depending on conditions of use
C = Unresistant, not recommended for service applications under any conditions
- = Information not yet available

Material codes:
PE = Polyethylene
PP = Polypropylene
PVC = Polyvinyl Chloride
CPVC = Chlorinated Polyvinyl Chloride