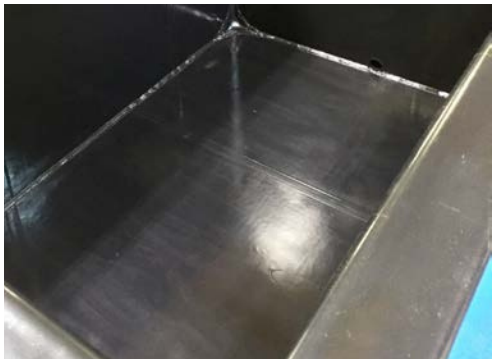
Koroseal® protective linings are the culmination of some 55 years' experience in the manufacture of specialty PVC protective linings. **Koroseal** was originally developed by the BF Goodrich Corporation, and through acquisition and name changes this division is now known as **ProFusion Industries.** All the legacy manufacturing and technical know how has been carried forward to **ProFusion**.

The **Koroseal** brand name is the most recognized and respected name in the industry as a result of our many years of lining material experience. ProFusion's technical support service and commitment to the highest quality standards of world class manufacturing, along with continuous improvement and technical research, ensures **Koroseal's** leadership in the industry.

Koroseal protective linings are flexible and can be bonded to containment vessels in an infinite range of sizes and shapes. The material can also be manufactured for drop in containment liners.
Koroseal has excellent tear and abrasion resistance and demonstrates outstanding chemical resistance properties. **Koroseal** protective are specially compounded formulations with outstanding resistance to strong corrosive chemistry.

Our linings thrive in applications where alternate materials fail.



As a general rule, **Koroseal** protective linings are not recommended for organic chemicals and solvents. **Koroseal** is a thermoplastic, it will soften at temperatures above 150° F, so understanding operating temperatures is critical. Certain exceptions do exist; hence specific applications should be referred to **ProFusion Industries** for a final recommendation through the **Koroseal** applicator providing your installation services.
Please refer to the chemical resistance guide on page -2- for an initial overview of acceptable materials.

ProFusion Industries
822 Kumho Dr.; Suite 202
Fairlawn, OH 44333

PH: 800-938-2858

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SOLUTIONS OF INORGANIC ACIDS

	Maximum Concentration	Maximum Deg. Fahr.*
Arsenic	Any	150
Carbonic	***Saturation at Atmospheric Pres.***	90
Chlorine Water	***Saturation at Atmospheric Pres.***	90
(Hypochlorous Acid)		150
Fluoboric	Any	90
Hydrofluoric	60%	150
Hydrofluoric	25%	150
Hydrogen Sulfide Water	***Saturation at Atmospheric Pres.***	120
Muriatic (Hydrochloric)	37%	90
NITRIC	10%	150
NITRIC	20%	150
Phosphoric	40%	90
Sulfuric	75%	90
SULFURIC	50%	140
Sulfurous	70%	90
(Sulfur dioxide water)	***Saturation at Atmospheric Pres.***	
CHROMIC ACID	40%	
HYDROGEN PEROXIDE **	30%	

STAINLESS STEEL PICKLING SOLUTION

Nitric	16%	165 ①
Hydrofluoric	5%	

① Koroseal widely used for this mixture when protected by 9" of carbon brick sheathing.

ORGANIC MATERIALS

	Maximum Concentration	Maximum Deg. Fahr.*
Amyl Alcohol	Any	90
Butyl Alcohol	Any	90
Casein	Any	90
Castor Oil	–	90
Citric Acid	Up to Saturation	150
Cottonseed Oil	–	90
Coconut Oil	–	90
Ethyl Alcohol	Any	90
Ethylene Glycol	Any	90
Food Products	–	90
Gallic Acid	Up to Saturation	150
Glucose	Any	150
Glue	Any	150
Glycerine	Any	90
Hydroquinone	Any	90
Lactic Acid	Any	90
MalicAcid	Any	90
Methyl Alcohol	Any	90
Mineral Oils	Any	90
Oleic Acid	Any	90
Oxalic Acid	Any	90
Propyl Alcohol	Any	150
Soaps	Any	90
Tannie Acid	Up to Saturation	90
Tartaric Acid	Up to Saturation	90
Triethanolamine	Any	150

SOLUTIONS OF INORGANIC SALTS AND ALKALIS

	Maximum Concentration	Maximum Deg. Fahr.*
Aluminum Chloride	Up to Saturation	150
Alums Ammonium Chloride	Up to Saturation	150
Hydroxide Ammonium Sulphate Barium Sulfide	Up to Saturation	150
"Black Liquor" NaOH, Na2S,	Up to Saturation	150
Na2CO3, Na2SO3	Up to Saturation	150
Calcium Bisulfite Calcium Chloride	Up to Saturation	150
Hypochlorite Caustic Soda (Sodium Hydroxide)	Up to Saturation	150
Caustic Soda (Sodium Hydroxide)	Up to Saturation	150
Potash (Potassium Hydroxide) 35%	Caustic	150
Potash (Potassium Hydroxide) 10%	Up to Saturation	150
	Up to Saturation	150
	35%	90
	10%	150
		90
		150
		150
Copper Chloride (Cupric)	Up to Saturation	150
Copper Cyanide	Up to Saturation	150
(in solution with alkali cyanides)	Up to Saturation	150
Copper Sulfate (Cupric)	Up to Saturation	150
Disodium Phosphate	Up to Saturation	150
Ferric Chloride	Up to Saturation	150
Ferrous Sulfate (Copperas)	Up to Saturation	150
Nickel Acetate	Up to Saturation	150
Potassium Cuprocyanide	Up to Saturation	150
Potassium Dichromate		90
Sodium or Potassium Antimonate	Up to Saturation	150
Sodium or Potassium Bisulfate	Up to Saturation	150
Sodium or Potassium Acid Sulfate	Up to Saturation	150
Sodium or Potassium Chloride	Up to Saturation	150
Sodium or Potassium Cyanide	Up to Saturation	150
Sodium or Potassium Hypochlorite	Up to Saturation	150
Sodium or Potassium Sulfide	Up to Saturation	
Sodium or Potassium Thiosulfate	Up to Saturation	
Tin Chloride [Stannous **or** Stannic] - Any aqueous solution	Up to Saturation	
White Liquor (NaOH, Na2S, Na3CO3)	–	90
Zinc Sulfate	Up to Saturation	150

PLATING SOLUTIONS

Plating Material	Maximum Deg. Fahr.*
Brass, Cadmium, Copper, Lead, Nickel, Tin or Zinc	150
Chrome	140
Gold, Indium, Rhodium, Silver ***	150

* **Call the experts at Koroseal Protective Linings (800-323-5676) for recommendations, particularly when the working fluid is a multiple chemistry environment or in an elevated temperature environment, both of which can affect service life.**

** Koroseal not affected, but prospective user should test lining for possible effect on stability of hydrogen peroxide.

*** Call Profusion regarding these solutions

PROFUSION