

## PV 105 CHEMICAL RESISTANCE GUIDE

This guide is intended as an aid in determining the potential usefulness of PV 105 against chemical exposure. Each application should be evaluated individually with particular attention given to the unique conditions and circumstances present.

- 1 = Suitable for constant immersion
- 2 = Suitable for shorter term containment and continual spillage
- 3 = Suitable for intermittent spills when followed promptly with water flushing
- NR = Not recommended
- C = Contact PolyVers

Chemical	Rating	Chemical	Rating	Chemical	Rating
Acetic Acid, 10%	2	Crude Oil, Sour	1	Nitric Acid, 5%	2
Acetic Acid, 30%	3	Crude Oil, Sweet	1	Nitric Acid, 30%	NR
Acetic Acid, Glacial	3	Cyclohexane	2	Nitric Acid, 50%	NR
Acetone	2	Cyclohexanol	2	Nitric Acid/Sulfuric Acid	NR
Acrylic Acid up to 25%	2	Cyclohexanone	2	Nitrobenzene	3
Acrylonitrile	NR	Dichlorobenzene	2	n-Octyl Alcohol	1
Aluminum Potassium Sulfate (Alum)	1	Diesel Fuel	1	Oils	1
Aluminum Chloride	1	Diethyl Benzene	3	Oleum	3
Aluminum Fluoride	1	Ethyl Alcohol	2	Oleic Acid	3
Aluminum Hydroxide	1	Ethyl Benzene	3	Oxalic Acid	2
Aluminum Nitrate	1	Ethyl Chloride	3	Perchloroethylene	2
Aluminum Sulfate	2	Ethylene Dichloride	3	Perchloric Acid	3
Ammonia	1	Ethylene Glycol	1	Phenol	3
Ammonium Bisulfite	1	Fatty Acids	1	Phosphoric Acid, 50%	1
Ammonium Chloride	1	Ferric Chloride	1	Phosphoric Acid, 85%	2
Ammonium Hydroxide	1	Ferric Nitrate	1	Phosphorous Acid	3
Ammonium Nitrate	1	Ferric Sulfate	1	Potassium Carbonate	1
Ammonium Sulfate	2	Ferrous Chloride	1	Potassium Chloride	1
n-Amyl Alcohol	NR	Fluorosilicic Acid	2,C	Potassium Dichromate	2
Amiline	NR	Formaldehyde	1	Potassium Hydroxide	1
Barium Chloride	1	Formic Acid	3	Potassium Nitrate	1
Barium Hydroxide	1	Fuel Oil	1	Propionic Acid	2
Barium Sulfate	1	Gasoline	1	Silver Nitrate	1
Barium Sulfide	1	Glycerine	1	Sodium Acetate	1
Benzene	1	Heptane	1	Sodium Bicarbonate	1
Benzene Sulfonic Acid	1	Hexane	1	Sodium Bisulfate	1
Benzoic Acid	1	Hydrobromic Acid	2	Sodium Bisulfite	1
Black Liquor, Pulp Mill	1	Hydrochloric Acid, 15%	1	Sodium Carbonate	1
Bleach Liquor, Pulp Mill	-	Hydrochloric Acid, 37%	1	Sodium Chloride	1
Boric Acid	1	Hydrofluoric Acid	2	Sodium Chlorite	3
Brine	1	Hydrogen Peroxide	2	Sodium Hydroxide, 10%	1
Bromine, Liquid	NR	Hydrogen Sulfide	1	Sodium Hydroxide, 50%	1
Bromine Gas (Dry & Wet)	NR	Isopropyl Alcohol	1	Sodium Hypochlorite	2,C
n-Butyl Acid	2	Jef Fuel	1	Sodium Sulfate	1
Butyl Cellosolve Solvent	2	Kerosene	1	Sodium Sulfide	1
n-Butyric Acid	3	Lactic Acid	2	Stannic Chloride	1
Cadmium Chloride	1	Lauryl Chloride	1	Stannous Chloride	1
Calcium Chloride	1	Lead Acetate	1	Stearic Acid	1
Calcium Hydroxide	1	Linseed Oil	2	Styrene	2
Calcium Hypochlorite	2,C	Lithium Bromide	1	Sugar/Sucrose	1
Calcium Nitrate	1	Lithium Chloride	1	Sulfur Dioxide	1
Calcium Sulfate	1	Lithium Hypochlorite	2,C	Sulfuric Acid, 10%	1
Calcium Sulfite	1	Lithium Hydroxide	1	Sulfuric Acid, 50%	1
Carbon Dioxide Gas	1	Magnesium Bisulfite	1	Sulfuric Acid, 98%	1
Carbon Disulfide	3	Magnesium Carbonate	1	Tall Oil	1
Carbon Tetrachloride	2	Magnesium Chloride	1	Tannic Acid	1
Chlorine Dioxide	3	Magnesium Hydroxide	1	Tartaric Acid	1
Chlorine Gas (Dry & Wet)	3	Magnesium Sulfate	1	Toluene	1
Chlorine Water	2	Maleic Acid	2	Toluene Sulfonic Acid	1
Chlorobenzene	1	Mercuric Chloride	1	Trichloroacetic Acid	2
Chloroform	2	Mercurous Chloride	1	Trichloroethylene	2
Chromic Acid, 15%	2	Methyl Alcohol	2	Trisodium Phosphate	1
Chromic Acid, 50%	C	Methyl Chloride	NR	Urea	1
Citric Acid	1	Methylene Chloride	NR	Water, Deionized	1
Copper Chloride	1	Methyl Ethyl Ketone	NR	Water Demineralized	1
Copper Cyanide	1	Mineral Spirits	2	Water, Distilled	1
Copper Nitrate	1	Monochloroacetic Acid	3	Xylene	1
Copper Sulfate	1	Muriatic Acid	1	Zinc Chloride	1
		Naphtha	1	Zinc Sulfate	1