SERVICE Rubber Group

THE GENERAL CHEMICAL RESISTANCE OF VARIOUS RUBBERS & PLASTICS

Key (S) Satisfactory (U) Unsatisfactory (—) Unknown

CHEMICAL	Natural Rubber	S.B.R.	Neoprene	Buna N	Viton	Hypalon	E.P.T.	Butyl	Polyethylene	Teflon
Acetic Acid—Dilute	U	U	U	U	U	U	S	S	S	S
—30%	U	U	U	U	U	U	S	U	S	S
—Glacial	U	U	U	U	U	U	S	U	S	S
Acetone	U	S	U	U	U	U	S	S	S	S
Acrolein	U	U	—	—	—	—	—	—	—	S
Allyl Alcohol	S	S	S	S	S	S	S	S	S	S
Allyl Chloride	U	—	U	U	—	U	—	—	S	S
Alum	S	S	S	S	S	S	S	S	S	S
Ammonia Anhydrous	S	S	S	U	U	U	S	S	S	S
Ammonium Hydroxide	U	U	U	U	U	S	S	S	S	S
Ammonium Nitrate	S	S	S	S	S	S	S	S	S	S
Aniline	U	U	U	U	U	U	S	S	S	S
Asphalt	U	U	S	S	—	U	U	U	S	S
Benzene	U	U	U	U	S	U	U	U	S	S
Butyl Acetate	U	U	U	U	U	U	U	U	S	S
Butyl Alcohol	S	S	S	S	S	S	S	S	S	S
Butyl Carbitol	U	U	S	S	S	S	S	S	S	S
Butyl Cellosolve	U	U	S	S	S	S	S	S	S	S
Calcium Chloride	S	S	S	S	S	S	S	S	S	S
Carbital	U	U	S	S	—	—	S	S	—	S
Carbon Tetrachloride	U	U	U	U	S	U	U	U	S	S
Cellosolve	U	U	S	S	—	S	S	S	S	S
Cellosolve Acetate	U	U	U	U	U	U	—	S	S	S
Corn Syrup	U	U	U	S	S	U	U	S	S	S
Isophorone	U	U	U	U	U	—	—	—	—	S
Jet Fuel (JP-1 to JP-5)	U	U	S	S	S	U	U	U	S	S
Kerosene	U	U	S	S	S	U	U	U	S	S
Mesital Oxide	U	U	U	U	—	—	—	U	—	S
Methyl Alcohol	S	S	S	S	S	S	S	S	S	S
Methyl Amyl Acetate	U	U	U	U	U	U	U	—	S	S
Methyl Cellosolve	U	U	S	—	—	S	—	S	—	S
Methyl Ethyl Ketone	U	U	U	U	U	U	S	U	S	S
Methyl Isobutyl Carbinol	S	S	S	S	S	S	S	S	S	S
Methyl IsoButyl Ketone	U	U	U	U	U	U	S	U	S	S
Methyl Methacrylate	U	U	U	U	U	S	U	U	S	S
Methylene Chloride	U	U	U	U	S	U	U	—	S	S
Milk	U	S	S	S	U	S	—	S	S	S
Molasses	S	U	U	S	U	U	U	U	S	S
Monochlorobenzene	U	U	U	U	S	U	U	U	S	S
Naptha	U	U	U	S	S	U	U	U	S	S
Nitric Acid—10%	U	U	S	U	U	S	S	S	S	S
—70%	U	U	U	U	U	S	U	U	S	S
—Fuming	U	U	U	U	U	U	U	U	U	S
Oil, Crude	U	U	S	S	S	S	U	U	S	S
Oil, Lubricating	U	U	S	S	S	S	U	U	S	S
Oil, Vegetable	U	U	S	S	S	S	U	U	S	S
Oleic Acid	U	U	S	S	—	U	S	S	S	S
Palmitic Acid	U	U	U	S	U	U	—	—	S	S
Phenol	U	U	—	U	S	S	—	U	S	S

Key (S) Satisfactory (U) Unsatisfactory (—) Unknown

CHEMICAL	Natural Rubber	S.B.R.	Neoprene	Buna N	Viton	Hypalon	E.P.T.	Butyl	Polyethylene	Teflon
Cyclohexanone	U	U	U	U	—	U	—	U	S	S
Di-Acetone Alcohol	U	U	S	U	U	S	S	S	S	S
Di-Iso Butyl Ketone	U	U	U	U	U	U	S	U	S	S
Di-Isopropyl Ether	U	U	U	S	U	U	U	—	—	S
Di-Octyl Phthalate	U	U	U	U	—	U	S	S	S	S
Epichlorohydrin	U	—	U	U	—	U	—	—	S	S
Ethyl Acetate	U	U	U	U	U	U	U	S	S	S
Ethyl Alcohol	S	S	S	S	S	S	S	S	S	S
Ethyl Amyl Ketone	U	U	U	U	U	—	S	U	S	S
Ethyl Chloride	S	S	S	S	S	S	U	S	S	S
2—Ethyl Hexanol	U	—	U	U	—	U	—	—	S	S
Ethylene Glycol	S	S	S	S	S	S	S	S	S	S
Formaldehyde	U	S	U	U	S	S	S	S	S	S
Freon 12	S	U	S	S	S	S	S	S	S	S
Freon 13	U	U	S	S	U	U	U	S	S	S
Freon 21	U	U	U	S	U	U	U	U	S	S
Freon 22	U	U	S	S	U	U	U	S	S	S
Gasoline	U	U	S	S	S	U	U	U	S	S
Glycerine	S	S	S	S	S	S	S	S	S	S
Grease	U	U	S	S	S	S	U	U	S	S
Hexane	U	U	S	S	S	S	U	U	S	S
Hexylene Glycol	S	S	S	S	S	S	—	S	S	S
Hydrochloric Acid—10%	S	U	U	U	S	S	S	S	S	S
38%	U	U	U	U	S	S	S	S	S	S
Phosphoric Acid—50%	S	S	S	S	S	S	S	S	S	S
—80%	S	S	S	S	S	S	S	S	S	S
Propane Gas, Liquid	U	U	S	U	U	S	U	U	S	S
Propyl Acetate	U	U	U	U	U	U	U	U	S	S
Propyl Alcohol	S	S	S	S	S	S	S	S	S	S
Propylene Glycol	—	—	—	—	—	—	S	S	S	S
Sodium Hydroxide	U	U	U	U	U	U	S	S	S	S
Sodium Silicate	S	S	S	S	S	S	S	S	S	S
Stearic Acid	U	U	S	S	—	S	—	—	S	S
Styrene	U	U	U	U	S	U	U	U	—	S
Sulfur	U	U	S	U	S	S	U	U	U	S
Sulfur, Molten	U	U	U	U	U	U	U	U	U	S
Sulfuric Acid—10%	S	S	S	S	S	S	S	S	S	S
—70%	U	U	U	U	S	S	S	S	S	S
—Fuming	U	U	U	U	S	U	U	U	S	S
Tall Oil (Liquid Rosin)	U	U	S	S	S	U	U	U	S	S
Tallow	U	U	S	S	S	S	U	U	S	S
Tar	U	U	S	S	—	S	U	U	U	S
Toluene	U	U	U	U	S	U	U	U	S	S
Trichloroethane	—	—	—	—	—	—	—	—	—	S
Trichloroethylene	U	U	U	U	S	U	U	U	S	S
Urea	S	S	S	S	S	S	—	—	S	S
Wax	U	U	S	S	S	S	U	U	S	S
Xylol	U	U	U	U	S	U	U	U	S	S