NSP 120
CHEMICAL RESISTANCE SHEET

KEY E = Excellent
G = Not attacked, discolored

Notes: 1 - Cold or Ambient (70°F)
2 - Hot (190°F or boiling point of solvent)
3 - Nitrite and Sulfate

Chemical	Cold[1]	Hot[2]
Acids		
Acetic (10-20%)	G	G
Acetic vapors	G	G
Benzene sulfonic (10-20%)	E	E
Benzoic	E	E
Boric	E	E
Butyric (10-80%)	G	G
Chloracetic (10-30%)	E	G
Chloracetic (40%)	G	G
Chromic (5-10%)	E	G
Citric (5-10%)	E	G
Citric (11-30%)	E	E
Fatty Acids	E	G
Fluosilicic (30%)	E	E
Formic (90%)	E	G
Hydrobromic (40%)	E	E
Hydrochloric (25%)	G	G
Hydrocyanic	E	E
Hypochlorous (10-15%)	E	E
Lactic (5-15%)	E	E
Maleic (35%)	G	G
Nitric (10-20%)	E	E
Nitric (21-30%)	E	G
Oleic	E	G
Oxalic	E	E
Phosphoric (5-40%)	E	E
Picric	G	G
Stearic	E	G
Sulfuric (10-60%)	E	E

Chemical	Cold[1]	Hot[2]
Acid Salts		
Aluminum chloride	E	E
Amuminum fluoride	E	E
Aluminum sulfate	E	E
Ammonium chloride[3]	E	E
Calcium chloride[3]	E	E
Copper chloride[3]	E	E
Iron chloride[3]	E	E
Magnesium chloride[3]	E	E
Nickel chloride[3]	E	E
Zinc chloride[3]	E	E
Alkalies		
Ammonium hydroxide	E	E
Calccium hydroxide	E	E
Potassium hydroxide	E	E
Sodium hydroxide	E	E
Alkaline Salts		
Barium sulfide	E	E
Sodium bicarbonate	E	E
Sodium carbonate	E	E
Sodium sulfide	E	E
Trisodium phosphate	E	E
Neutral Salts		
Potassium chloride[3]	E	E
Sodium chloride[3]	E	E

Chemical	Cold[1]	Hot[2]
Organics		
Aniline	G	G
Benzene	E	G
Chlorobenzene	G	G
Formaldehyde (40%)	E	E
Mineral Oils	E	E
Vegetable Oils	E	E
Solvents		
Alcohols	E	E
Alphatic hydrocarbons	E	E
Aromatic hydrocarbons	E	G
Carbon tetrachloride	G	G
Chlorinated hydrocarbons	G	G
Diesel fuel	E	E
Esters	E	E
Ethers	E	E
Fuel oil	E	E
Gasoline, leaded	E	E
Gasoline, refined	E	E
Gasoline, unleaded	E	E
Ketones	E	E
Sour Gas (H_2S)	E	E

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