

## POLYURETHANE CHEMICAL RESISTANCE TABLE

Acetic Acid 20%	B	Ferric chloride	B	Nickel salts	B-C
Acetone	C	Ferric nitrate	B	Nitric acid (10%)	C
Aluminum Chloride	B	Ferrous chloride	B	Oleic acid	B
Aluminum sulfate	B	Ferrous sulfate	B	Palmitic acid	A
Aluminum sulfide	B	Formaldehyde (37%)	C	Perchloroethylene	C
Ammonia, anhydrous	T	Formic acid	C	Phenol	C
Ammonium hydroxide	A	FREON-11	B	Phosphoric acid (10-70%)	A
Amonium thiocyanide	B	FREON-12 (130F/54C)	A	Phosphoric acid (85%)	C
Antimony salts	B	FREON-22	C	Potassium cyanide	B
ASTM hydrocarbon test fluid	T	FREON-113	A	Potassim hydroxide	B
ASTM oil #1(158°F)	A	FREON-114	T	SAE #10 oil (158F/70C)	A
ASTM oil #3(158°F)	B	Fuel oil	B	Sea water	A
ASTM reference fuel A	A	Gasoline	B	Silver nitrate	B
ASTM reference fuel B (122°F)	B	Glue	A	SKYDROL 500	C
ASTM reference fuel C	C	Glycerin	A	Soap	A
Barium hydroxide	A	n-Hexane (122F/50C)	B	Sodium cyanide	B
Benzene	C	Hydraulic oils	B	Sodium hydroxide (20%)	A
Borax	A	Hydrochloric acid (20%)	B	Sodium hydroxide (46.5%)	B
Boric Acid	A	Hydrochloric acid (37%)	C	Sodium hypochlorite (20%)	C
Butane	A	Hydrocyanic acid	B	Sodium hypochlorite (5%)	C
Calcium bisulfite	A	Hydrogen	A	Soybean oil	B
Calcium chloride	A	Hydrogen Peroxide (90%)	T	Stearic acid	A
Calcium hydroxide	A	Isooctane (158F/79C)	B	Sulfur dioxide (liquid)	T
Calcium hypochlorite (5%)	X	Isopropyl ether	B	Sulfur dioxide (gas)	T
Carbon dioxide	A	JP-4	B	Sulfur trioxide	T
Carbon monoxide	A	JP-5	C	Sulfuric acid (5-10%)	C
Carbon Tetrachloride	C	JP-6	C	Sulfuric acid (10-50%)	C
Castor oil	A	Kerosene	B	Sulfuric acid (50-80%)	C
Chlorine gas (dry)	X	Lacquer solvents	X	Sulfurous acid	C
Chlorine gas (wet)	C	Linseed oil	B	Tannic acid (10%)	A
Chromic acid (10-50%)	C	Lubricating oils	B	Tartaric acid	A
Copper chloride	A	Magnesium chloride	A	Tin salts	B
Copper nitrate	B	Magnesium hydroxide	A	Titanium salts	B
Copper sulfate	A	Mercury	A	Toluene	C
Cottnseed oil	A	Methyl Alcohol	C	Trichloroethylene	C
Cyclohexane	A	Methyl ethyl ketone	C	Tricresyl phosphate	B
DOWTHERN A	B	Methyl pyrrolidine	C	Trisodium phosphate	A
Ethyl acetate	C	Mineral oil	A	Tung oil	B
Ethyl alcohol	C	Naptha	B	Turpentine	C
Ethylene glycol	B	Nathalene	B	Water (120F/48C)	A
				Water (212F/100C)	C
				Xylene	C

### TABLE KEY

<b>A</b>	Little or no effect
<b>B</b>	Minor to moderate effect
<b>C</b>	Severe effect to complete destruction
<b>T</b>	Test before using. No data but most likely to be satisfactory
<b>X</b>	No data but most likely to be unsatisfactory

