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### ***Chemical Resistance of Typical Polyurethane Resins***

#### ***EXCELLENT RESITANCE***

Ammonium hydroxide, 10% solution  
Ammonium sulphate, 2% solution  
Benzene  
Benzene chloride  
Brine, saturate  
Brine, 10% solution  
Butarol  
Carbon tetrachloride  
Diesel fuel  
Diisobutylene  
Diisobutylketone  
Gasoline  
Hexane  
Hydrochloric acid, 10% solution  
Hydrogen sulphide, 100% wet  
Isopropanol  
JP-4 Fuel; JP-5 Fuel  
Kerosene  
Linseed oil  
Mineral spirits  
Motor oil  
Orthodichlorobenzene  
Potassium chlorate, 5% solution  
Potassium hydroxide, concentrated  
Styrene  
Sulphuric acid, 10% solution  
Toluene  
Trichloromonoflouromethane  
Turpentine  
Water  
Xylene

#### ***GOOD RESISTANCE***

Acetic acid, 2% solution  
Ammonium hydroxide, concentrated  
Anylacetate  
Butylacetate  
Chlorobenzene  
Ethylene glycol, 100%  
Formahdehyde  
Hydrochloric acid, concentrated  
Trichloroethylene  
Varsol

#### ***FAIR RESISTANCE***

Ethylacetate  
Methylene chloride

#### ***POOR RESISTANCE***

Acetone  
Ethyl Alcohol Methyl  
Alcohol methyl ehtyl ketone

#### ***SEVERE SOLVENT ACTION***

Nitric acid, concentrated  
Sulphuric acid, concentrated

#### **Additional Notes:**

For cured polyurethane samples of similar shape and volume, polyurethane elastomeric products such as PURCAST materials will have greater chemical resistance than polyurethane foams.

For cured foams of similar shape and volume, medium density foams such as FLEX 1000 will have greater resistance than low densisty foams such as RAPID H100.