

# Mountain Grout®

Hydrophobic Polyurethane Systems

## CHEMICAL RESISTANCE OF TYPICAL POLYURETHANE FOAMS\*

## Chemical Resistance Chart

### CODE:

E = Excellent resistance

G = Good resistance

*F = Fair resistance*

P = Poor resistance

S = Severe solvent or chemical attack, not recommended for use.

### ACTIVE MATERIAL

Acetic Acid 2%---G

Acetone---P

Ammonium Hydroxide Concentrate---G

*Ammonium Hydroxide 10%---E*

Ammonium Sulfate 2%---E

Amylacetate---G

Benzene---E

Benzene Chloride---E

Brine Saturated---E

Brine---10%---E

Butanol---E

Butylacetate---G

Carbon Tetrachloride---E

Diesel Oil---E

Diisobutylene---E

Diisobutylketone---E

Ethylacetate---F

Ethyl Alcohol---G

Ethylene Glycol 100%---G

Formaldehyde---G

Gasoline---E

HCl 25%---E

Hexane---E

Hydrochloric Acid concentrate---G

Hydrochloric Acid 10%---E

Hydrogen Sulfide 100% (wet)---E

Isopropanol---E

### ACTIVE MATERIAL

JP-4 Fuel---E

JP-5 Fuel---E

Kerosene---E

*Linseed Oil---E*

Methyl Alcohol---G

Methylene Chloride---F

Methyl Ethyl Keytone---P

Mineral Spirits---E

Motor Oil---E

NaOH 25%---E

Nitric Acid concentrated---S

O. Chlorobenzene---G

Orthodichlorobenzene---E

Potassium Chlorate 5%---E

Potassium Hydroxide 1%---E

Sodium Hydroxide concentrate---E

Sodium Hydroxide 10%---E

Styrene---E

Sulfuric Acid concentrate---S

Sulfuric Acid 10%---E

Toluene---E

Trichloromonofluoromethane---E

Trichloroethylene---G

Turpentine---E

Varsol---E

Water---E

Xylene---E

### EFFECTS OF RADIATION ON POLYURETHANE\*

Base Material: Stable up to 2 X 10 to the power of 8 rads. Ref:EPRI-NP-2129  
Foamed material: No reduction in chemical properties up to the power of 9 rads.  
Reference: REIC report number 21 dated September 21, 1961, entitled  
"Effects of Radiation on Elastomeric and Plastic Compounds"  
(Information obtained from Sargent and Lundy 9/20/88)

Polyurethane resin does not perform well in high temperature environments. 200°F is the limit for continuous exposure.

\*Typical properties of polyurethanes such as Mountain Grout, not to be construed as specification.



Green Mountain International, LLC