

# Chemical Compatibility Guide\* For Ultra-Containment Berms

## Copolymer 2000™, Urethane, XR-5, and PVC

According to EPA guidelines, spills must be cleaned up within 24 hours and any secondary containment areas must be inspected once a week. The chart below lists chemical compatibility of Copolymer 2000, Urethane, XR5, and PVC. The information has been developed from industry available data and offers compatibility based on exposure of one week or less.

The rating system is indicated as

**A** - Fluid has little or no effect at room temperature

**B** - Fluid has minor to moderate effect at room temperature

**C** - Fluid has severe effect at room temperature

<b>Chemical</b>	<b>Copolymer 2000</b>	<b>Urethane</b>	<b>XR- 5</b>	<b>PVC</b>
Kerosene	A	A	A	A
Diesel Fuel	A	A	A	A
Ohio Crude Oil	A	A	A	A
Hydraulic Fluid- Petroleum Based	A	A	A	A
Naptha	A	A	A	A
Conc. Ammonium Hydroxide	A	C	A	B
50% Acetic Acid	C	C	C	C
50% Phosphoric Acid	A	C	A	B
50% Hydrochloric Acid	A	C	A	B
50% Nitric	C	C	C	B
50% Sulfuric Acid	A	C	A	A
60% Sodium Hydroxide	A	C	A	A
Methyl Alcohol	A	A	A	A

JP-4 Jet Fuel	A	A	A	C
Salt Water 180°F	A	B	A	A
Phtlalate Plasticizers	B	A	B	C
SAE-30 Oil	A	A	A	A
Raw Linseed Oil	A	A	A	A

The above ratings were arrived at by visual and physical examination of the membrane samples after their removal from the test chemical. When considering Copolymer 2000, Urethane, PVC and XR5 for specific applications, it is important to study the requirements such as permeability, service temperature, concentration, size to be contained, etc. Samples of XR-5, PVC, Urethane, or Copolymer 2000™ should be tested close to actual service conditions and also your distributor should be consulted. **\*IMPORTANT USER NOTICE FOR Copolymer 2000, Urethane, XR5 and PVC CHEMICAL COMPATIBILITY GUIDE**

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