

Polyurea Aliphatic INSTADRIVE Coating System

Chemical Resistance Guidelines

<u>Recommended</u>	<u>Recommended</u>	<u>Caution-Not Recommended</u>
Acetic acid, 10%	Gasoline Unleaded	Acetone
Ammonium Hydroxide, 18%	Hydraulic Oil	Antifreeze 50% PAF
Ammonium Nitrate	Isopropanol	Battery Acid
Ammonium Phosphate	Methanol	Benzene
Brine (saturated 130,000 ppm)	Propylene Carbonate	100% Acetic Acid
Chlorine (2000 ppm in water)	Sodium Hydroxide 50%	Dimethyl formaldehyde
Citric Acid	Toluene	Hydrochloric Acid, 25%
Diesel Fuel	1,1,1, Trichloroethane	Hydrofluoric Acid
Hexane	Skydrol aircraft hydraulic	Hydrochloric Acid 5%,
10% Brake Fluid	Nitric Acid	
Jet Fuel A	50% H ₂ SO ₄	Phosphoric Acid, 25-85%
Kerosene	Toluene	Potassium Hydroxide 20-50%
Lactic Acid	Methyl Ethyl Ketone	Sulfuric Acid 25%,50%,98%
Liquid Nitrogen Fertilizer		Liquid Urea Fertilizer
Mineral Spirits		Aniline
Motor Oil		
Phosphoric Acid		
Potassium Hydroxide, 10%		
Sodium Chloride		
Sodium Hydroxide, 50%		
Stearic Acid		
Trisodium Phosphate		
Vinegar 5% Acetic Acid		
Water		
Xylene		

Recommended= no damage Caution= some swelling, discoloration, cracking present
Not recommended= severe damage occurs

7 day exposure per ASTM D-1308-immersion @ 25°C

These are guidelines only and specific chemical resistance should be addressed with InstaCote laboratory services for coating suitability and long term service capability.