

# KrystalKote™ / KrystalTred™ & KrystalMarine™ / MarineTred™

## Guide to Chemical - Acid - Alkali & Corrosion Resistance

	I	S	F		I	S	F
<b>ACIDS, ORGANIC</b>				Hydrogen Sulfide Gas	+	+	+
Formic	-	-	+	Sewage Waste	+	+	+
Lactic	+	+	+	Glycerine	+	+	+
Cresylic	-	-	+	Glycols	+	+	+
Oleic	+	+	+	Fatty Alcohols	+	+	+
Oxalic	+	+	*	Carbonated Beverages	+	+	+
Maleic	+	+	+	<b>ACID SALTS</b>			
Stearic	+	+	+	Aluminum Sulfide	+	+	+
Acetic, 10%	+	+	+	Ammonium Chloride	+	+	+
Glacial Acetic	-	+	+	Calcium Chloride	+	+	+
<b>ACIDS, INORGANIC</b>				Ferric Chloride	+	+	+
Hydrochloric 10%	+	+	+	Zinc Chloride	+	+	+
25%	+	+	+	<b>ALKALINE SALTS</b>			
85%	-	-	+	Sodium Bicarbonate	+	+	+
Sulfuric 10%	+	+	+	Sodium Carbonate	+	+	+
25%	+	+	+	Sodium Sulfide	+	+	+
85%	-	-	+	Tri-Sodium Phosphate	+	+	+
Phosphoric 10%	+	+	+	Sodium Nitrate	+	+	+
50%	+	+	+	Aluminum Sulfate	+	+	+
85%	-	+	+	<b>SOLVENTS &amp; FUELS</b>			
Chromic 10%	+	+	+	Ketones	-	+	+
50%	-	+	+	Alcohols	+	+	+
85%	-	+	+	Chlorinated Solvents	+	+	+
Hydrofluoric 48%	-	+	+	Aromatic Hydrocarbons	+	+	+
<b>ALKALIES</b>				Aliphatic Hydrocarbons	+	+	+
Ammonium Hydroxide 15%	+	+	+	Esters	+	+	+
50%	-	+	+	JP-4 & JP-5 Fuels	+	+	+
Calcium Hydroxide 15%	+	+	+	Salt Water & Jet Fuels	+	+	+
50%	-	+	+	Heptane	+	+	+
Potassium Hydroxide 15%	+	+	+	Aviation Gasoline	+	+	+
50%	-	+	+	U.D.M.H. (Missile Fuel)	-	+	+
Sodium Hydroxide 15%	+	+	+	<b>OILS</b>			
50%	-	+	+	Synthetic Lubricating & Hydraulic	+	+	+
<b>MISCELLANEOUS</b>				Skydrol 500	+	+	+
Water: Tap, Salt, Deionized, Chlorinated	+	+	+	Skydrol 7000	+	+	+
Fruit Juices	+	+	+	Mineral Oil	+	+	+
Liquid Foods: Syrup, Beverages, Milk	+	+	+	Vegetable Oil	+	+	+
Chlorine (Dry & Wet)	-	+	+	Fatty Acids	+	+	+
Ammonia	+	+	+	Sour Crude	+	+	+
Natural Latex	+	+	+	Animal Oils	+	+	+
P.V.A. Latex	+	+	+	Animal Fats	+	+	+
Acrylic Latex	+	+	+				
Dilute Alcohol: Whiskey, Wine, Beer	+	+	+				

+ = passes;      - = not recommended;      \* = not applicable (Oxalic Acid is a solid)

NOTE: **I** = @1000 hour Immersion test      **S** = @45 minutes Splash & Spillage test      **F** = @1000 hour Fumes exposure test

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