BUITINK TECHNOLOGY

Advanced Lightweight Structures

Compatibility Guide for PU for fuels

Good = A Poor = B Not Compatible = C ( ) = estimated value

WATER/SALT SOLUTIONS	
Water	B
2% Potassium Chloride brine solution	B
10% Potassium Chloride brine solution	(B)
Seawater	(B)
10% Sodium Chloride brine solution	(B)
25% Sodium Chloride brine solution	(B)
38% Calcium Chloride brine solution	(B)
ORGANIC ACIDS/ANHYDRIDES	
50% Citric Acid solution	(B)
10% Acetic Acid solution	(C)
Glacial Acetic Acid	(C)
Acetic Anhydride	(C)
60/40 Acetic Acid/Acetic Anhydride	(C)
Acrylic Acid	(C)
MINERAL ACIDS	
32% Hydrochloric Acid	(B)
20% Hydrochloric Acid	(B)
15% Hydrochloric Acid	(B)
Hydrochloric Acid/Acetic Acid blends	C
ALKALIS	
50% Sodium Hydroxide solution	(B)
50% Potassium Hydroxide solution	(B)
50% Ammonium Hydroxide solution	(B)
50% Potassium Carbonate solution	(B)
KOH and Pot carb blends	(B)
OXIDIZERS	
Hydrogen peroxide	A
Sodium hypoclorite	C
Calcium hypochlorite	(C)

ALCOHOLS/OTHER ORGANICS	
100% Methanol	C
100% Ethanol	C
100% Isopropanol	B
100% Butanol	B
Alcohol blends	C
Ethoxylated C12+ alcohols	C
Acetylenic alcohols (i.e., propargyl alcohol)	(C)
100% Triethanolamine	C
100% Diethanolamine	C
100% Monoethanolamine	C
70% Tetramethyl ammonium chloride (quat)	(B)
50% Tetramethyl ammonium chloride (quat)	(B)
100% Glycerin	A
100% Ethylene glycol	(B)
100% Diethylene glycol	(A)
100% Ethylene glycol monobutyl ether	(B)
Fuels & Oils	
Gasoline	A
Kerosene	A
Diesel	A
Xylene	(B)
Toluene	B
Heavy Aromatic Naphtha (HAN)	(A)
Mineral oil	A
Motor oil	A
Hydrogenated Mineral oil, Flash > 175F	A
Palm oil	A
d-Limonene	A
OXYGEN SCAVENGERS	
Sodium thiosulfate	(B)

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