



Polyflex 55 Ultra-Chem Plus- Chemical Resistance Chart

R- Recommended, NR-Not Recommended, L – Limited

Chemicals	Direct contact (during 7 days at 25C) with Polyflex 55 based coating
I. ACIDS	
Glacial acetic acid 99.5%	R
Boric acid 10%	R
Formic acid 85%	R
Hydrochloric acid 38 %	R
Hydrofluoric acid 48%	R
Lactic acid 10%	R
Nitric acid 70 %	L
Phosphoric Acid 85%	R
Sulfuric 50%	R
Tartaric 20%	R
II. ALKALIS	
Amonium Bicarbonate 5%	R
Aqueous ammonia 28%	R
Potassium Hydroxyde 50%	R
Sodium Hydroxide 20%	R
III. BLEACHES & OXIDANTS -	
Calcium chlorate 20%	R
Calcium hypochlorite 5%	R
Sodium hypochlorite 12%	R
Potassium permanganate 20%	L
IV. SALTS	
Potassium chloride 25%	R
Potassium dichromat 12%	R
Sodium chloride	R
Sodium sulfate	R
Ferrous sulfate	R
Aluminium Sulphate	R
Tri Sodium Phosphate 50%	R

Polyval Coatings Inc.
 520 Boul. Curé-Boivin
 Boisbriand (Québec) Canada J7G 2A7
 Tel : 450.430.6780 Fax : 450.430.7877
www.polyvalcoatings.com

Industrial Coatings Africa.
 North Industrial Area, Dadeban Road Klan Street, Adjacent Cowbell,
 Accra-Ghana
 Telephone: +233507656464/ +233256025000/ +233256025001/
 +233243125882/ +233249119365
 Website: www.industrialcoatingsafrica.com

V. SOLVENTS	
Acetone	NR
Benzene	L
Butyl Acetate	NR
Butyl Alcohol	NR
Butyl Cellosolve	NR
Cyclohexane	NR
Cyclohexanone	NR
Ethanol	L
Methanol	L
Isopropyl Alcohol	L
Methyl Ethyl Ketone	NR
Styrene	NR
Toluene	L
Kerosene	R
Xylene	L
Mineral Spirit	R
VM&P Naphta	R
VI. OTHERS	
Crude Oil	R
Diesel Oil	R
DOP	R
Formaldehyde	R
Gas unleaded	R
Jet Fuel	L
Phenol 5%	NR
Skydrol LD-4	NR
Diethyleneglycol	R