

Cyrel® Plate/Ink Compatibility Guide for Aqueous/Solvent-Based Inks

	Pure Solvent	Maximum % in n-Propyl Alcohol Cosolvent*
Water	Yes	100
<b>Amines (pH adjust)</b>		
28% Ammonium Hydroxide	Yes	N/A
2-Amino-2-Methyl-1-Propanol	Yes	N/A
Morpholine	No	N/A
Monoethanol Amine	Yes	N/A
Diethanol Amine	Yes	N/A
Triethanol Amine	Yes	N/A
<b>Alcohol/Glycols</b>		
Methyl Alcohol (methanol)	No	50
Ethyl Alcohol (ethanol)	Yes	100
Isopropyl Alcohol (IPA)	Yes	100
Normal Propyl Alcohol (n-propanol)	Yes	100
Normal Butyl Alcohol (n-butanol)	Yes	100
Octyl Alcohol	No	5
Benzyl Alcohol	No	5
Ethylene Glycol	Yes	100
Propylene Glycol	Yes	100
Diethylene Glycol	Yes	100
Dipropylene Glycol	Yes	100
Triethylene Glycol	Yes	100
Glycerol (Glycerine)	Yes	100
<b>Esters<sup>1</sup></b>		
Ethyl Acetate	No	20
Isopropyl Acetate	No	20
Normal Propyl Acetate	No	20
<b>Ketones<sup>1</sup></b>		
Acetone	No	5
Methyl Ethyl Ketone	No	5
Methyl Isobutyl Ketone	No	5
<b>Aliphatic/Aromatic Hydrocarbons<sup>1,2</sup></b>		
Heptane	No	5
Hexane	No	5
Cyclohexane	No	0
Petroleum Hydrocarbon Solvent Mixture (9%)	No	3
Benzene	No	1
Toluene	No	1
Xylene	No	1
Ethyl Benzene	No	1
<b>Glycol Ethers</b>		
Ethylene Glycol Monobutyl Ether	No	3
Ethylene Glycol Monoethyl Ether	No	30
n-Propoxypropanol	No	30
Diethylene Glycol Monoethyl Ether	No	30

<sup>1</sup> For extended run lengths, lower maximum percentages are recommended for best results.

<sup>2</sup> This category includes petroleum/paraffinic distillates.

\*Percentages are based on solvent portion of the ink only.