

Vinylec[®] Resins

Solubility/compatibility information for all grades.

Single Solvents:

S: Soluble / I: Insoluble or not completely soluble

| | | |
|------------------------|---|-----------------------------------|
| Acetic acid (glacial) | S | |
| Monochloro-acetic acid | S | |
| Methyl alcohol | I | |
| Ethyl alcohol | I | |
| Benzyl alcohol | S | |
| Cresol | S | |
| Xylenol | S | |
| Methyl acetate | I | |
| Ethyl acetate | I | |
| Butyl acetate | I | |
| Acetone | I | |
| Methyl ethyl ketone | I | |
| Cyclohexanone | I | |
| Furfural | S | |
| Dioxane | S | |
| Pyridine | S | |
| Chloroform | S | |
| Ethylene dichloride | S | |
| Nitropropane | I | |
| Hydrocarbons | I | |
| Water | I | |
| N,N-dimethylformamide | S | [very low vapor pressure solvent] |

Mixed Solvents:

S: Soluble / I: Insoluble or not completely soluble

| | |
|--|---|
| Toluene-methyl alcohol (60:40) | S |
| Toluene-ethyl alcohol (60:40), 95%: | S |
| Toluene-butyl alcohol (60:40) | I |
| Benzene-methyl alcohol (70:30) | S |
| Benzene-ethyl alcohol (70:30) | S |
| Benzene-butyl alcohol (60:40) | I |
| Xylene-methyl alcohol (60:40) | S |
| Xylene-butyl alcohol (60:40) | I |
| Trichloroethylene-methyl alcohol (70:30) | S |

Compatibility with Plasticizer:

Phthalates

- Diethyl phthalate
- Dicyclohexyl phthalate
- Diphenyl phthalate

Phosphates

- Tributyl phosphate
- Tricresyl phosphate
- Triphenyl phosphate

Adipates

Di-benzoates

Polyesters

Compatibility with Various Resins:

Compatible resins

- Phenolics
- Urea formaldehyde
- Melamine formaldehyde
- Unsaturated polyester
- Furan
- Epoxy
- Polyurethane
- Cellulose acetate butylate

Incompatible resins

- Cellulose acetate
- Ethyl cellulose