

## 6. SOLVENT RESISTANCE

*For the storage of packed columns, we recommend 20% ethanol in H<sub>2</sub>O, possibly buffered neutrally with up to 1 M NaCl, or a neutral buffer with 0.03% sodium azide. Normal and reversed phase columns should be stored in the solution they are used with, but with a minimum proportion of 10% organic solvent. All solvents used should be filtered through at least 0.45µm, or preferably through 0.22µm filters.*

*In general the following solvents and additives can be used. However, we do not recommend using any of them for longer periods of time or for storage. For further information please contact Essential Life Solutions Ltd.*

- W** Resistant to all common organic solvents such as:  
ethanol, methanol, propanol, isopropanol, acetonitrile
- U** Please note that the AB version is only resistant to organic solvents to a limited extent
- W** Resistant to all common aqueous buffers
- W** Salts in aqueous solutions such as: NaCl, (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>, MgCl<sub>2</sub>, CaCl<sub>2</sub>, etc.
- W** pH 1-14
- W** 2 M NaOH
- W** 1 M HCl
- W** 75% acetic acid
- W** Detergents (≤ 2%) such as SDS, Triton, etc.
- W** 6 M guanidinium-HCl, 8 M urea
- W** Working temperature range:  
with Teflon piston / triple chevron sealing system:  
16-40° C (SR version)  
with polyethylene piston / O-Ring-seals:  
4-40° C (AB version)