

CHEMICAL RESISTANCE LIST

**COMPOUND for water swellable sealing products of BeSealed.
(POLYBAR+ sealing bars, sealing rings, sealing UFO'sd, sealing plugs and tie bar connectors)**

POLYMER SEBS based compound containing superabsorbent polymers

HARDNESS on request (20 – 55 °shore A)

COLOUR on request

SWELLING on request (100 – 1.000 %)

SERVICE TEMPERATURE -50°C > +70°C

WEATHER RESISTANCE excellent

CHEMICAL RESISTANCE

In general good resistance to Acids, Alkali's and most Aquas solutions

Be careful with solvents and hydrocarbons

Below a short list of products as indication:

| | | |
|------------------|---------------------------|---------------|
| Aqua solutions | 15% NaCl | Very Good |
| | Dish Water Detergent | Very Good |
| | Biological Washing powder | Very Good |
| | Chlorine Water | Very Good |
| Acids & Alkali's | 98% Sulphuric Acid | Moderate/Good |
| | 15% Sulphuric Acid | Very Good |
| | 10% Hydrochloric Acid | Moderate/Good |
| | 50% Sodium Hydroxide | Very Good |
| | 10% Potassium Hydroxide | Very Good |
| | 10% Sodium Sulfate | Very Good |
| | 10% Sodium Carbonate | Very Good |

| | | |
|----------------|------------------|--------------|
| Solvents | Cyclohexane | Not suitable |
| | Diethyl Phtalate | Very Good |
| | 95% Ethanol | Very Good |
| | Glycerol | Good |
| | Hexane/Pentane | Not suitable |
| | Toluene | Not suitable |
| | White Spirit | Moderate |
| Petroleum/Oils | General | Not suitable |
| Grease | | Moderate |
| Antifreeze | 50% in water | Very Good |

Please contact **BeSealed** for detailed advise about specific applications of products on
Tel: +32 55 39 00 20 or **info@besealed.com**