

## MS-Sealant Technical Data Sheet

**Description:** 2 part sealant compound

**Intended use:** Wellhead isolations, valve isolations, subsea isolations

**Features:** No heat transfer, inert to UV, H<sub>2</sub>S/Sour gas, most solvents & acids

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*Technical data should be considered representative. For specific applications contact KCI.*

**Typical Physical Properties:** Curing time at 20°C = 4-6hrs. (Product cures faster in high temperatures)  
Activator ratio 10:1 (Can be altered in consultation with KCI)  
Premix form: Activator – Paste (Can be coloured to customer specification)  
Compound – Paste (White)

### Mixed

Relative density = 1.8  
Flash Point = 280.9°C

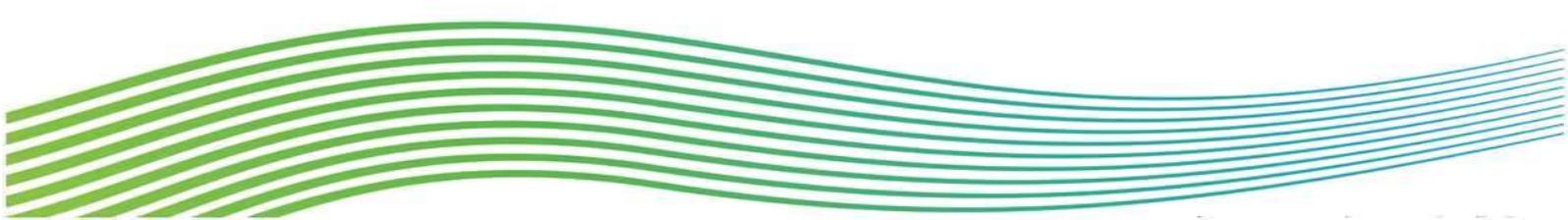
### Cured

Shore Hardness = 41(Shore A)  
Tensile Strength = 3.6Mpa      Tear strength = 3.5Kn/M  
Shrinkage = 0.6%  
Colour – As per customer specification  
Product self-levels whilst moulding to the profile of the filled area.  
Structure: Flexible solid rubberized material  
Operational Temperature -50°C to 250°C

**Surface Preparation:** MS-Sealant will sink below water, oil, brine and drill-mud for full displacement of fluids. MS-Sealant will also displace plastic packing and heavy grease in thicker viscosities.

**Mixing Instructions:**

1. Add full volume of activator provided unless discussed otherwise with KCI
2. Only mix product in tubs provided
3. Using spatula provided mix products together through marbling effect until a uniform colour is achieved
4. Deploy product immediately after mixing





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**Application Instructions:** KCI provide detailed procedures for each application.

**Storage:** Store in a cool dry place.

**Shelf life:** 18 Months

**Expected Lifespan:** Approximately 25 years+ if left undisturbed

**Removal:** For removal the product can be mechanically sheared. Once removed the product is classed as “domestic rubbish” and can be disposed of in conjunction with local regulations (small volumes)

**Precautions:** Please refer to appropriate material safety data sheets (MSDS) prior to using this product.

For technical assistance call KCI on +44 1224 255480 (24hrs)

**Disclaimer:** Information on this data sheet is based on laboratory testing and is not intended for design purposes. KCI make no representations or warranties of any kind concerning this data.

***For advice on specific applications contact KCI on +44 1224 255480 (24hrs)***

