



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, H₂S/Sour gas, most solvents & acids

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)