Matriseal® O Diverting Agent

Matriseal® O diverting agent is primarily used in oil-producing sandstone formations. When added to an aqueous carrier fluid, it provides a dispersion of a finely divided, oil-soluble polymer with a high melting point. The dispersed particles pass through perforations, slotted liners, and sand screens to bridge on the formation face, temporarily reducing matrix permeability and diverting treating fluids to less permeable zones.

Applications
Matriseal O diverter can divert treating, well completion, and perforating fluids at the formation face. It can also be used for diversion during perforation cleanout and damage removal. It will pass through 40/60-mesh sand, but it will seal sands with permeabilities up to 9 darcies.

Matriseal O diverter is effective at bottomhole temperatures (BHTs) up to 280°F (138°C). It can be used at a concentration of 0.5 to 5 gal/Mgal of treating fluid, but typical concentrations are 1.0 to 2.0 gal/Mgal.

Features
Matriseal O diverter is not a coarse bridging agent like TLC-80™ or TBA-110™ diverting agents. If the formation is fractured, Matriseal O diverter will not bridge in the perforations, the slotted liner, or the fracture. Instead, it will enter the fracture and act as a fluid-loss agent.

Compatibility
Matriseal O diverter should not be used in acid solutions containing Musol® A mutual solvent. This solvent causes Matriseal O diverter particles to soften and agglomerate, making the larger particles unable to pass through 40/60-mesh sand, decreasing effective diversion.

Benefits
Matriseal O diverter can provide the following benefits:
- It is oil-soluble in most crudes, kerosene, diesel, and Paragon aromatic solvent.
- It can be dispersed in any HF acid or aqueous solution.
- Matriseal O diverter is not damaged by freezing and thawing.

<table>
<thead>
<tr>
<th>Matriseal® O Diverter—Product Specifications</th>
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<tbody>
<tr>
<td><strong>Part No. (5-gal can)</strong></td>
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<tr>
<td><strong>Part No. (55-gal drum)</strong></td>
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<tr>
<td><strong>Form</strong></td>
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<td><strong>Specific Gravity</strong></td>
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