

# TBlockSure® 100

## Self-Degradable Diverting Agent

### Applications

- Temporary blocking agent for perforations, matrix permeability, or fractures during stimulation treatments at temperatures between 180°F (82°C) and 300°F (149°C)
- Temporary diverting agent for multistage fracturing or acidizing treatments
- Fluid-loss control additive for treatment of high-permeability formations
- Fluid-loss or lost-circulation pills to control fluids lost to thief zones

### Safety Notices

- Consult the MSDS, safety posters, or product label before use, and use personal protective equipment as advised.
- Observe standard precautions when handling this and all other organic chemicals.

### Usage

- Blocks perforations in which typical loading ranges from 1 to 25 lb (0.45 to 11.34 kg) per perforation, mixed at concentrations of 0.25 to 6 lb/gal (30 to 719 kg/m<sup>3</sup>) of pill volume
- Acts as a fluid-loss or lost-circulation material in which typical loading ranges from 25 to 100 lb/1,000 gal (3 to 12 kg/m<sup>3</sup>) of treatment volume
- Works with TBlockSure 7 to improve perforation-blocking efficiency
- Can be metered through sand screw or standard dry-additive mixer

### Advantages

- Serves as a temporary, degradable diverter or fluid-loss control agent for stimulation or workover fluids
- Works with water-based stimulation fluid systems
- Has a controlled degradation process that depends on temperature, time, and pH level
- Degrades to a byproduct that is water soluble and compatible with most stimulation and produced fluids
- Provides a highly effective seal for perforation when combined with TBlockSure 7
- Offers a cost-effective alternative to the plug-and-perforation technique for multistage fracturing treatments

### Description

TBlockSure 100 is a medium- to high-temperature self-degradable material that



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is used as a temporary blocking agent in reservoir stimulation treatments. TBlockSure 100 dissolves with time and temperature, and completely removes the bridging agent.

### Typical Physical Properties

Appearance	Opaque powder
Particulatesize	US 100 mesh
Assay	>98%
Specificgravity	1.23 to 1.25
Form	Solid
Odor	Sweet

