



Steel Seal Instruction Sheet

Description:

Steel Seal is a dense, highly filled sealant which offers a unique combination of properties. It has excellent resistance to heat and chemical degradation and has high mechanical strength and pressure resistance. Steel Seal is ideal for online leak repairs as it contains steel fibers which provide a “damming” action to plug the leak. Sealant is applied using a spatula or is injectable and once the leak stops, sealant will need to be cured with heat.

Steel Seal is not classified as a hazardous material and is able to be shipped by any means worldwide.

Application Instructions:

Steel Seal is normally injected just upstream from the leak. Sealant will travel downstream and begin plugging the leak. Once leak stops, sealant will need cured at 225°F for 4-6 hours or at 400°F for 1-2 hours. Steel Seal cures to a leathery like consistency at lower temperatures, or a harder expanded closed cell matrix at much higher temperatures. Uncured product cleans up easily with mineral spirits or isopropyl (rubbing) alcohol. Use a wire wheel or synthetic abrasive pad to clean up cured material.

Steel Seal Tech Data:

Binder: Organic

Specific Gravity: 1.21

Max Continuous Temp: 950°F

Max Pressure: 750 PSI

Color: Dark Gray

Consistency: Thick injectable mastic

Shelf Life: 6 months

Packaging: Quarts, Gallon cans, 5 gallon buckets

See MSDS information for precautions

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