



SOILOK

For soil stabilization, ground modification
& water intrusion shut-off

www.primeresins.com



Our Background



Pioneered the use of polyurethane resins for sealing cracks in concrete and helped build that market.



The first to package polyurethane grouts in an easy-to-use Quick-Mix cartridge system over **30 years ago.**

The Prime Resins Difference

Prime Resins is a leading manufacturer of chemical grouts, foams, adhesives and coatings for infrastructure repair & protection. We provide solutions for problems in leak sealing, soil stabilization, slab lifting, structural repair and coatings/secondary containment.

What sets us apart?



Technical expertise: We were the first in our field to offer 24/7 technical support.



Turnaround time: We have the fastest turnaround in the industry. Many shipments go out same business day as the order.



Training: We provide on-site training, application assistance, project consultations, and training seminars at our Head Quarters.



Great value: We offer the best combination of product performance, expertise, and experience.



Solutions focus: We work as partners with our clients to determine causes and to find remedies for your challenges. We are available before and after a purchase to answer questions and support our clients. This approach is in the DNA of the company.

Soil Stabilization



Grout solution for soil stabilization, ground modification and water intrusion shut-off

SoiLok is a grout that offers a cost-effective option for soil stabilization, ground modification and water intrusion shut-off.

SoiLok is an alternative material to polyurethanes and acrylates due to the cost and diversity. SoiLok can replace sodium silicate and the concerns over its longevity, and its inability to withstand freeze-thaw environments.

Sodium silicate will break down chemically over a long period of time versus SoiLok, which will last centuries rather than years or decades.

The problem: Cohesionless soils

Chemical grouting is often performed to add strength to a formation or to prevent groundwater infiltration.

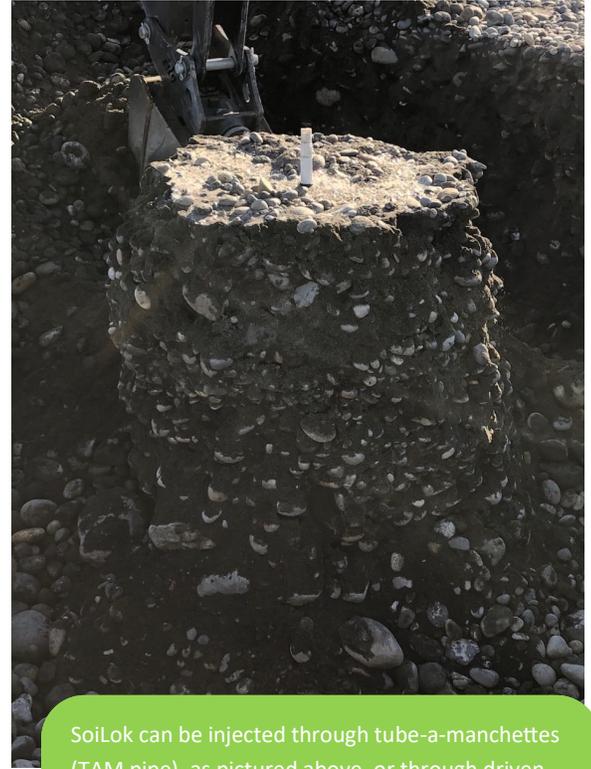


The solution: A text book grout column injected with SoiLok

Concentrations of the monomer in the grout solution can be adjusted to meet the required performance.

Typically, the minimum acceptable concentration is 10-11% with up to 20% as the standard range. Additives are available to further increase gel times, increase viscosity, and enhance cured strength. Multiple products are not needed. No other grout system offers the versatility and scope of use.

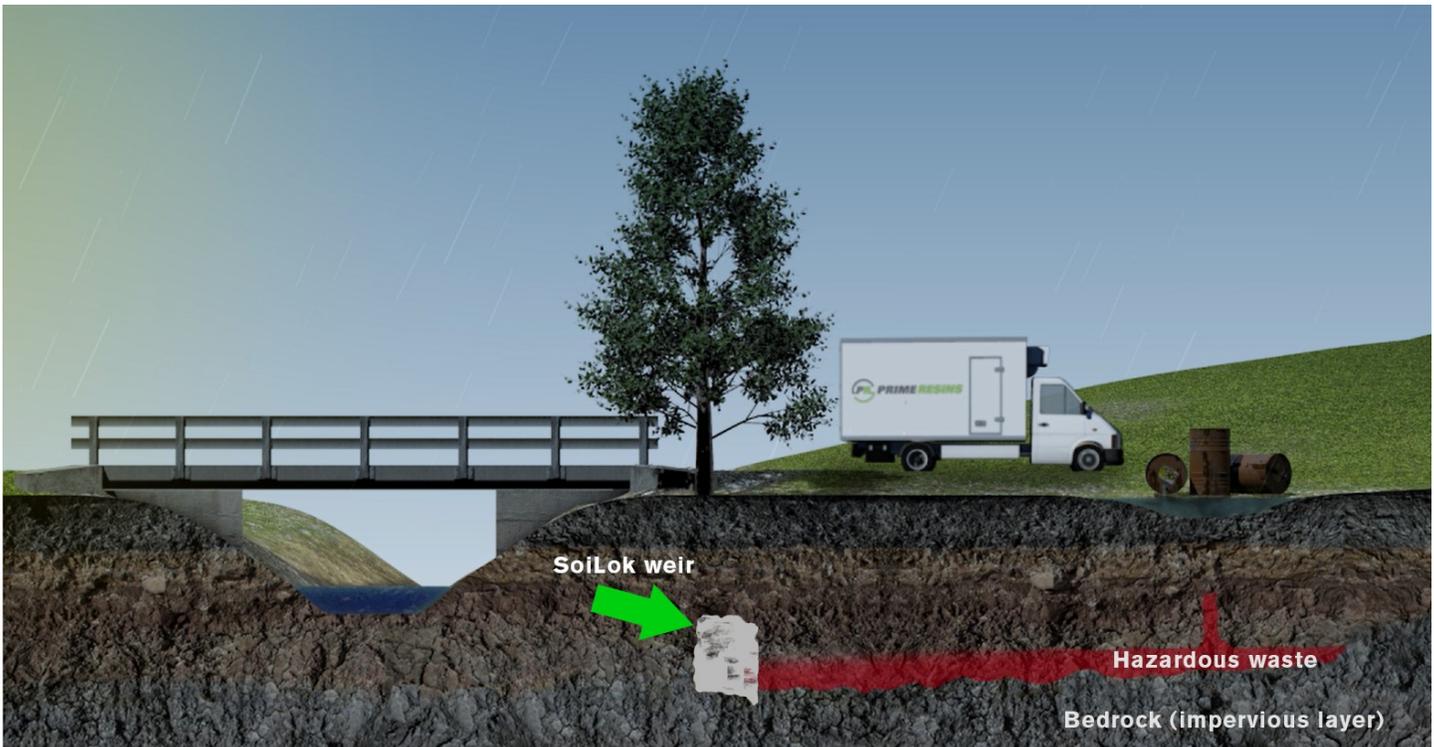
Prime Resins engineers and manufactures turn key SoiLok injection rigs for all applications. No job is too big or small.



SoiLok can be injected through tube-a-manchettes (TAM pipe), as pictured above, or through driven or jetted soil probes. SoiLok offers superior permeation, very low viscosity, and non-shrink cured material over Portland cement-based and Ultrafine cements.



Grout solution for soil stabilization, ground modification and water intrusion shut-off



The problem: Contamination spreading below surface

When hazardous materials are spilled, one of the greatest dangers is having them spread below ground. These wastes will seep into the ground until they hit bedrock or some other impervious layer, at which point they will begin to spread and enlarge the plume.

SoiLok provides straight-forward methods for holding the contamination in place and preventing waste from making its way into water sources. One option is to create a retaining wall or weir to prevent further migration of the waste. The SoiLok will deteriorate at a rate slower than the contamination, making this a permanent solution. Rainwater will not penetrate the waste and will pass along the top layer and over the weir, keeping everything in place. Another method is to inject SoiLok directly into the waste, binding it into a solid material that will be easier to excavate.

Call Prime Resins at 800-321-7212 to discuss the method that is right for you.



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