



# Leading Edge

Protecting Your Business for a More Sustainable Future

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Local Deliveries available for orders placed by 12 p.m. EASTERN TIME

APRIL 2024 | WWW.USIGROUPS.COM

## Viscoelastics 101: Revolutionizing Water and Wastewater Treatment

In the complex world of water and wastewater treatment, finding innovative and efficient solutions is crucial for ensuring safety, sustainability, and compliance with environmental standards. Among the various technologies and materials at the disposal of industry professionals, viscoelastic materials stand out due to their unique properties and versatility. As your technical advisors specializing in water and wastewater facilities, we offer an in-depth understanding of how viscoelastic materials can revolutionize treatment processes, along with comprehensive training, troubleshooting, and technical support to maximize their benefits.



**Viscoelastic materials** exhibit both viscous and elastic characteristics when undergoing deformation. This means they have the ability to both flow like a liquid under sustained pressure and return to their original shape like an elastic solid once the pressure is removed. This dual nature makes viscoelastics particularly useful in a variety of applications, from industrial processes to everyday products.

Viscoelastic materials are valued for their ability to absorb and dissipate energy, reduce vibrations and noise, and improve the mechanical efficiency of treatment processes. Their unique properties enable them to be used in filtration, sludge processing, and even in the maintenance and protection of equipment.

- Tank Repair:** Viscotaq Viscoelastic Sealant
- Potable Water Pipeline Protection:** Viscotaq Viscoelastic System
- Tank Chime Repairs:** Viscoelastic Sealant and Wrap

Make an appointment with Unconventional Solutions right now to discuss all of your options and make sure your institution is utilizing the newest advancements in treatment technology. **By working together, we can improve treatment outcomes, save expenses, and streamline your operations.**



### DATES TO REMEMBER

**April 16**  
Chicagoand AMPP/CRCUC (Joliet, IL)

**April 18**  
AMPP Great Lakes Chapter Meeting Lunch Meet & Skeet Shoot (Bakers of Milford, MI)

**June 7**  
Unconventional Solutions Annual Client Appreciation Golf Outing - Ohio (Miamisburg, OH)

**June 14**  
Unconventional Solutions Annual Client Appreciation Golf Outing - Michigan (Milford, MI)



**Chlor\*Rid SP8 Gel + Rinse: Revolutionary Surface Decontamination and Coating Adhesion Enhancer**

**Innovative Two-Step Process:** Utilizes Chlor\*Rid SP8 Gel alongside ChlorRid

SP8 Rinse for a comprehensive surface cleaning that reaches the microscopic level. stands as a cornerstone in metal surface preparation and protection.

**\*\*Chlo\*Rid SP8 Gel and Rinse are used in a system. Make sure you have the both products on hand.**



**Viscotaq EZ Wrap: Premium Corrosion Prevention and Waterproofing Coating** is a cutting-edge, amorphous, apolar, visco-elastic, semi-solid polyolefin coating designed for superior corrosion

prevention and waterproofing of both underground and aboveground substrates. As a key component of the Viscotaq coating system, it involves a sealant or mastic with EZ Wrap coverage, supplemented by a mechanical protective layer if necessary.



**Duromar HPL-1110 Lining: Enhanced Flexibility and Corrosion Resistance** is a flexible, low viscosity, easy to use coating system used on structural steel,

tank exteriors or other areas where extra corrosion resistance is required. It is shipped DOT non-corrosive.

HPL-1110 sets the standard for flexible, low viscosity coating systems, offering unparalleled ease of use in a range of applications. Specifically designed for structural steel, tank exteriors, and other areas demanding extra corrosion resistance, this product stands out for its adaptability and effectiveness.



Unconventional Solutions, Inc.  
Partnering with Your Industry to Repair - Protect - Upgrade

MI HQ - 28056 Oakland Oaks Ct., Wixom, MI 48393  
HQ: 248-735-7000 | OH: 937-704-4220 | IN: 219-733-0543  
office@USIgroups.com | www.USIGroups.com

