COMMUNICATION TOWER PROTECTION

Hotwork Thermal Protection & Suppressants

WELDING THERMAL PROTECTION
Communication Tower Protection System
Asset Protection Canisters
Thermal Barrier Sprays / Paste
Welding Blankets

SUPPRESSANTS
Extinguisher & Accessories
Portable Mixing Unit
FireIce® and FireIce Shield® products are a family of high-performance, eco-friendly gels, uniquely formulated for efficient suppression or asset protection.

**PROTECTION**

FireIce Shield™
Is designed as an effective thermal barrier for asset protection and personal protection.

*Use*
- Provides a lasting and protective layer on any medium to project adjacent surfaces while soldering, welding and brazing
- Reduce the risk of accidental charring, burning or igniting of flammable materials
- Protect surrounding surfaces from heat transfer, sparks and flame while using torch or welding equipment

FireIce Shield® CTP
Is specifically formulated for use when performing hot-work such as when cutting and welding on communication towers.

FireIce Shield® CTP protects surfaces and cables from heat transfer, sparks and flame from the welder’s torch. It also contains an advanced, colorized formulation specifically designed for better adhesion to slippery cables and tower components.

**SUPPRESSION**

FireIce®
FireIce® is ideal for firewatch for its high-performance fire suppression capabilities. It has been extensively tested by the U.S. Forest Service, NFPA, Mine Safety & Health Administration, and shown to be effective on fires up to 5,000°F and voltages up to 50kV.

*Use*
FireIce® can be used with with most existing equipment, including in fire trucks, hydrants and pressurized water cans. Specialty mixing equipment is also available for communication tower use. FireIce® is safe for the environment and cleans up with just water.

**Fast, Effective Suppression**
- Electrical fires up to 50kV / 40KA
- Arcing of electrical fires, by insulating the event
- Metal fires (including magnesium, titanium, calcium, potassium and lithium)
- Car and calcium battery fires
- Tire fires
- Most accelerant fires

**Prevention**
FireIce® is an effective pretreatment for bushes, grass and structures.

www.GelTechSolutions.com | 800.924.4874
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What is the Communications Tower Protection (CTP) System?

The FireIce Shield® CTP System is a specialty mixing and deployment system designed to apply FireIce Shield® CTP on communication towers during cutting, welding and firewatch. Each 5 lb. pail of FireIce Shield® CTP dry formula mixes to make 55 gallons of product.

FireIce Shield® CTP is an eco-friendly fire-resistant gel that minimizes damage caused by welding sparks, fire and slag. It is formulated with a white pigment for maximum visibility and designed for adherence to communication tower structures and cables.

Reduce Damage-Related Costs

Reduce direct costs of damage caused by welding sparks, fire and slag. Cool protected surfaces, limit thermal transfer, and reduce or eliminate short and long-term indirect costs resulting from service outages and, in the extreme, structural failure.

SYSTEM COMPONENTS

FireIce Shield® CTP, 5 Lb. Dry Formula
(1) 5 Lb. Bucket
Case of 6 Buckets
Short Pallet of 12 Cases
Full Pallet of 20 Cases

Training & Support

Training is required for safe & effective use of the system. Call to set an appointment. For ordering or other inquiries, call or email us.

800.924.4874
neworders@geltechsolutions.com

www.FireIceShield.com | 800.924.4874
Protocol for Using FireIce Shield® CTP
While Performing Hot Work on Monopole Structures

Taping Joints
- Any joints on the cell tower must be taped off, not allowing the FireIce Shield® CTP to flow out or compromise climbing area. **FireIce Shield® CTP is Slippery**
- FireIce Shield® CTP product should be evenly applied in the cell tower coating both cables and interior of the tower. Application of product is required 10 feet above work area to ground level. In most incidences this can only be achieved is using the Communication Tower Protection (CTP) System.

Where to Apply
- Application nozzle should travel at the rate of 1 foot per five second interval during application.
- The CTP application nozzle should remain on the inside of the monopole while working at least 8 feet above the hot work area, while the CTP system is in standby mode. This allows FireWatch to dispense FireIce Shield® CTP immediately in case of fire.

Monitor for Re-Application
- Continued monitoring of the tackiness of FireIce Shield® CTP is necessary. Ensure product does not dry out. FireIce Shield® CTP should remain damp and tacky to touch, if not, you must reapply.

Freezing
- If working in freezing temperatures, FireIce Shield® CTP may freeze on the tower and cable. The integrity and effectiveness of the product to protect will remain.

Cleanup Not Required
- The FireIce Shield® CTP product can remain in the tower upon completion of work, it is not necessary to flush off. The product will eventually dry out and blow away due to the chimney effect on the towers.

Other Suggested practices for Hot Work with FireIce®
- FireIce® XT and FireIce Shield® CTP are both environmentally friendly products that can be applied directly to anything in the potential fire zone that is at risk of ignition due to welding or hot work operations (shrubs, grass, trees, roof tops, vehicles, etc.)
- FireIce Shield® CTP can be used on freestanding towers to protect exposed cables.
- Either FireIce® product can be used to extinguish any type of fire that occurs (FireIce® XT extinguisher or FireIce Shield® CTP using the spray gun on the CTP system).
- Either FireIce® product may be applied to cable trays and any other combustible material when working in proximity of them (apply FireIce® directly to blankets or plywood used for shielding).

Note: FireIce Shield® CTP is specially formulated for superior adhesion to protect structures and cables from heat.

For Support Call Toll Free: 800-924-4874
Corporate Headquarters
1460 Park Lane South, Suite 1 Jupiter, FL 33458
www.geltechsolutions.com
P R O T E C T
Y O U R
W E L D

IT'S ALL ABOUT
THE MIX

Effective up to 5,000°F
- Pigmented for visibility
- Adheres to virtually any surface
- Non-toxic
- Easy to clean

SECURE MOUNTING

Heavy duty standard or magnetized mounting brackets have 115 lbs. of pull force.

LIGHTWEIGHT BUCKET BAGS

Total Carrying Weight: 25 Lbs.

HEATING JACKETS

12v Heating jacket prevents freezing
- Compatible with bungee mounting bracket

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FireIce® Shield® 2.5 Gallon Canister for Asset Protection & Containment
FI-SC-C

FireIce® Shield® CTP 2.5 Gallon Premixed Refill
FI-CTP-25GR

Bungee Bracket
FI-MB-2LBM

Bungee Bracket Magnetized
FI-MB-2LB

Bucket Bag
FI-FE-BB

Heated Insulation Jacket
FI-FE-HB

www.FireIceShield.com | 800.924.4874
**PROTECT SURROUNDING AREAS**

Prevent heat-related damage with our line of FireIce Shield® thermal barrier gel products and accessories.

Our FireIce Shield® Welding Blanket utilizes superior 95% silica fabrication imbued with FireIce Shield® gel to prevent virtually all slag burn through while cutting, welding, or soldering, and can be re-wet and re-used to sustain temperatures up to 5,000°F.

**SUPPORTING PRODUCTS**

- **Spray & Paste**: Apply a thick layer for a long-lasting heat barrier, effective up to several thousand degrees. Easily wipes clean with water.

- **Spray Bottle**: 32 oz. FireIce Shield® Spray Bottle, Single: FI-SS-16C Case of 12: FI-SS-16C


- **Canisters**: 64 oz. Asset Protection Canister, FI-SC-2L

- **Mounting Brackets**: Magnetized or regular bungees

- **Heated Insulation Jackets**: Total Carrying Weight: 25 Lbs.

- **Heated Insulation Jacket**: 64 oz. Heated Insulation Jacket, FI-SC-HB

- **Welding Blanket**: 12” x 18” FI-SWB-115 48” x 64” FI-SWB-45 36” x 36” FI-SWB-33 36” x 36” FI-SWB-57

- **Premixed Refill**: 64 oz. Premixed Refill, FI-SC-2LR

- **Premixed Drum**: 55 Gallon Premixed Drum, FI-SC-SSG

- **55 Gallon Drum**: FireIce Shield® 55 Gallon Premixed Drum, FI-SC-SSG

- **Spray & Paste**: Apply a thick layer for a long-lasting heat barrier, effective up to several thousand degrees. Easily wipes clean with water.
UL LISTED CLASS A FIRE EXTINGUISHER

FireIce® XT is a next generation suppression agent that acts as a force multiplier, greatly enhancing the capability of traditional extinguishers.

10 Times The Knockdown Power of Foam or Water

About FireIce® XT Gel:
- Effective up to 5,000°F
- Adhesion: FireIce® XT gel adheres to virtually any surface
- Eco-Friendly
- Easy Clean-up

Extinguisher Accessories:
- Automatic Heated Insulation Jacket, 12v
  - Prevents freezing
  - Compatible with bungee mounting bracket
- Secure Mounting
  - Heavy duty standard or magnetized mounting brackets
  - 115 Lb. pull force
- Lightweight Utility Bucket Bag
  - Total carrying weight = 25 lbs.

UL Listed Class A
FireIce® Fire Extinguisher FI-FE-UL

FireIce® XT 2.5 Gallon Premixed Refill FI-FE-25GR

Mounting Brackets
Heavy Duty or Bungee Magnetized, or Unmagnetized

Bucket Bag FI-FE-BB

Heated Insulation Jacket FI-FE-HB
Cleansing

*DEPRESSURIZE THE FIREICE UL LISTED CLASS A EXTINGUISHER BEFORE CLEANING*
Invert the extinguisher and squeeze the lever to release any residual air pressure

1. Fill the canister with two gallons of clean water and reattach the valve and hose assembly.

2. Pressurize the extinguisher to the midpoint of the green zone on the pressure gauge.

3. Flush the extinguisher by dispensing all water and fully depressurizing the extinguisher.

Refilling

ONLY ONCE THE INSIDE OF THE EXTINGUISHER IS ENTIRELY CLEANED OF ANY RESIDUAL FIREICE MAY YOU BEGIN THE REFILLING PROCESS

1. Remove the valve and hose assembly from the top of the extinguisher.

2. Fill the canister with the FireIce 2.5 Gallon Pre-Mixed Refill jug.

3. Replace the valve and hose assembly at the top of the extinguisher, and hand tighten.

4. Pressurize the extinguisher to the mid-point of the green zone on the pressure gauge, and replace the ring pin.

www.FireIce.com | 800.924.4874

GelTech®
PORTABLE MIXING UNIT
For Immediate Fire Protection

CONFINE. CONTROL. EXTINGUISH.
The Firelice® Portable Mixer allows you to quickly convert water to Firelice® XT gel to either swiftly suppress in direct attack, or to coat & protect surrounding assets from ignition & radiant heat for immediate & efficient containment.

CONCEPT
Water tanks are standard safety feature at construction sites. In the event of a fire, this unit quickly plumbs into your water buffalo or tank and converts water to Firelice® XT for serious knockdown power.

EFFECTIVENESS
Extinguish a broad range of fires, including brush fires, fiberglass, carbon fiber, tires, or lithium battery fires up to 5,000° F.

WATER TO FIREICE® XT GEL
Each 15 lb pail of Firelice® XT can convert up to 250 gallons of water to Firelice® XT gel.

EASE OF USE
Simply wheel the unit to your water source, connect the supplied hoses and begin educting Firelice® XT powder to transform the water into the best firefighting suppressant in the world.

ECO-FRIENDLY
Non-toxic to the environment and non-corrosive to equipment.

Specifications & Ordering

<table>
<thead>
<tr>
<th>Specifications:</th>
<th>Product ID:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions: 30 in. H x 21 in. W x 46 in. L</td>
<td></td>
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<tr>
<td>Pump: 6.5 HP XR950 Briggs and Stratton Gas Engine with 9.5 ft. lb. Torque, 208cc, 300 GPM, and a ReadyStart® Engine System</td>
<td>FI-PMU</td>
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<tr>
<td>Eductor: 1.5 Inch Aluminum Eductor</td>
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<tr>
<td>Pick-Up Hose: 5 Ft. of 1&quot; Inch Clear PVC Hose</td>
<td>FI-XT-15P</td>
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<tr>
<td>Inlet Hose: 15 Ft. of 1.5&quot; Inch Clear PVC Hose</td>
<td></td>
</tr>
<tr>
<td>Outlet Hose: 15 Ft. of 2&quot; Inch Clear PVC Hose</td>
<td></td>
</tr>
<tr>
<td>Vehicle: Heavy Duty (800 lb.) Aluminum Hand Truck</td>
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*Call for Pricing & Availability
JUPITER, FL—October 31, 2017 – GelTech Solutions, Inc. (OTCQB: GLTC), an innovator in the use of environmentally-friendly polymers for fire suppression and protection, today announced that the Company is beginning to experience increased interest and demand for its Firelce Shield® CTP system and Firelce Shield® gel by contractors that perform modifications for companies that own communication towers. The Firelce Shield® CTP system and gel is a product created by GelTech Solutions, Inc., specifically for the communication tower industry, and is designed to protect the tower, sensitive communication equipment, wiring and the property and landscaping in close proximity to a communication tower from the heat, flame and sparks associated with welding and cutting performed during tower modification.

Sabre Industries, Inc., an industry leader in utility and communication tower design, construction and modification, has issued a directive to its contractors that perform modifications to communication towers to begin using Firelce® Shield CTP on hotwork jobs in the Southeast United States beginning October 1, 2017 and nationwide beginning December 1, 2017, as part of a safety initiative.

“We have experienced increased interest in the use of the Firelce Shield® CTP System and product by contractors as a result of our two-year collaboration with a large communication tower owner and its contractors,” stated Dan Simon, GelTech’s chief operating officer. “Sabre’s decision to require its contractors to use the Firelce Shield® CTP System and Firelce Shield® CTP gel on specific communication tower modification projects will contribute to sales growth for GelTech in this sector.

About Sabre Industries
Sabre Industries, Inc. provides highly-engineered support structures used in electric transmission and distribution, wireless communications, renewable energy, and government infrastructure. In addition, we offer a variety of value-added services that are critical to the development, expansion and maintenance of both power delivery systems and wireless communication networks.

The Firelce Shield® CTP system is a specialty mixing and deployment system designed to apply Firelce® Shield® gel on communication towers during cutting, grinding, welding and firewatch.

Firelce Shield® CTP gel is a proprietary formula that minimizes damage caused by welding sparks, fire and slag.

About GelTech Solutions, Inc.
Founded by inventor and chief technology officer Peter Cordani, GelTech Solutions is a leading provider of innovative, environmentally friendly and cost-effective products that help government agencies, industry, agriculture and the public achieve goals such as water conservation and protecting lives, homes and property from fires. GelTech’s products include Firelce, a non-corrosive polymer that when hydrated produces a water-based suppressant to extinguish fires and a retardant to protect assets and property; Soil2O Dust Control products that reduce airborne particulate matter with minimal environmental impact; and GT-W14, an advanced absorbency technology to control fluid spills of all sizes, turning liquids into solid waste for easier and safer disposal.
For more information on GelTech, please visit www.geltechsolutions.com
# Firelce Shield® CTP Products & Accessories

<table>
<thead>
<tr>
<th>Firelce Shield® CTP System</th>
<th>Product No.</th>
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</thead>
<tbody>
<tr>
<td>Firelce Shield CTP System</td>
<td>FI-CTP</td>
</tr>
<tr>
<td>Firelce Shield CTP Dry Formula, 5 Lb. Bucket (Makes 55 gallons of Firelce Shield CTP Gel)</td>
<td>FI-CTP-B</td>
</tr>
<tr>
<td>Firelce Shield CTP Dry Formula, 5 Lb. Bucket (Case of 6)</td>
<td>FI-CTP-BC</td>
</tr>
<tr>
<td>Firelce Shield CTP Dry Formula, 5 Lb. Bucket (Short-Pallet of 12 Cases)*</td>
<td>FI-CTP-BHP</td>
</tr>
<tr>
<td>Firelce Shield CTP Dry Formula, 5 Lb. Bucket (Pallet of 20 Cases)*</td>
<td>FI-CTP-BP</td>
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<thead>
<tr>
<th>Firelce Shield® Canisters, CTP Refills &amp; Accessories</th>
<th>Product No.</th>
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<tbody>
<tr>
<td>Firelce Shield CTP 2.5 gallon Canister (empty; refills sold separately)</td>
<td>FI-SC-C</td>
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<tr>
<td>Firelce Shield CTP 2.5 gallon Premixed Refill</td>
<td>FI-CTP-25GR</td>
</tr>
<tr>
<td>Firelce Shield 64 oz. Canister for Asset Protection &amp; Containment (empty; refills sold separately)</td>
<td>FI-SC-2L</td>
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<tr>
<td>Firelce Shield CTP 64 oz. Premixed Refill</td>
<td>FI-CTP-2LR</td>
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<tr>
<td>Firelce Shield CTP 64 oz. Premixed Refill (Case of 6)*</td>
<td>FI-CTP-2LRC</td>
</tr>
<tr>
<td>Firelce Shield 64 oz. Heated Insulation Jacket (12v)</td>
<td>FI-SC-HB</td>
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<tr>
<td>Mounting Bracket Bungee for 64 oz. Canister</td>
<td>FI-MB-2LB</td>
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<tr>
<td>Mounting Bracket Bungee for 64 oz. Canister – Magnetized</td>
<td>FI-MB-2LBM</td>
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<tr>
<td>Mounting Bracket Bungee for 2.5 Gallon Canister</td>
<td>FI-MB</td>
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<tr>
<td>Mounting Bracket Bungee for 2.5 Gallon Canister - Magnetized</td>
<td>FI-MBM</td>
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<tr>
<th>Firelce Shield® 32 oz. Spray Bottles for Cutting &amp; Welding</th>
<th>Product No.</th>
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<tbody>
<tr>
<td>Firelce Shield 32 fl. oz. Spray Bottle</td>
<td>FI-SS-32</td>
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<tr>
<td>Firelce Shield 32 fl. oz. Spray Bottle (Case of 12)*</td>
<td>FI-SS-32C</td>
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<tbody>
<tr>
<td>Firelce 2.5 Gallon UL Class A Fire Extinguisher (empty; refills sold separately)</td>
<td>FI-FE-UL</td>
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<tr>
<td>Firelce 2.5 Gallon Premixed Refill*</td>
<td>FI-FE-25GR</td>
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<tr>
<td>Firelce Heated Insulation Jacket for Firelce Fire Extinguisher (12v)</td>
<td>FI-FE-HB</td>
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<tr>
<td>Firelce Mounting Bracket Bungee for Extinguisher</td>
<td>FI-MB</td>
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<tr>
<td>Firelce Mounting Bracket Bungee for Extinguisher – Magnetized</td>
<td>FI-MBM</td>
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<tr>
<td>12v Air Compressor with 3 Ft. Hose</td>
<td>FI-FE-COMP</td>
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</tbody>
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*Reduce your per unit shipping costs with half and full-pallet orders (call for info). See website for pricing.

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**For Sales, Customer Service or Technical Support**

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