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**PRESHOW
 EDITION**
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Fire Safety News

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Blue Card Command Training

The Blue Card Incident Command Certification Program is designed to first instruct, train, and then evaluate and certify fire department officers who serve in the role of incident commander that supervise and manage emergency and hazard zone operations for everyday, local NIMS Type 4 and Type 5 events.

The "Blue Card" training program provides fire departments with a turnkey training and certification system that defines the best Standard Command Practices for common, local, everyday strategic and tactical emergency operations conducted on NIMS Type 4 and Type 5 events.

This training and certification program produces incident



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FIREHOUSE Software Customers Manage Their Information to Make Critical Decisions

Every day, first responders are presented with complex situations, dangerous environments and important reporting requirements. FIREHOUSE Software integrates seamlessly with every detail of your emergency operation. From the initial call, to the final report and everything in-between, FH Software provides you with powerful tools to get the job done.



Two FIREHOUSE customers, one larger and one smaller, speak here

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Disaster-Proven Paging for Public Safety

Paging system designs in the United States typically use a voice radio-style infrastructure. These systems are primarily designed for outdoor mobile coverage with modest indoor coverage. Before Narrowbanding, coverage wasn't good, but what they have now is not acceptable! The high-power, high-tower approach also makes the system vulnerable. If one base station fails, a large area loses their paging service immediately!



Almost every technology went from analog to digital except fire paging. So it's time to think about digital paging! The

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P.L. Custom Celebrates 70th Anniversary

Article Courtesy of P.L. Custom Body and Equipment Co.

P.L. Custom Body and Equipment Co., Inc. (PLCB) is PL Proud, as 2016 marks the 70th anniversary for our company. Since 1946, PLCB has been serving the emergency services community by manufacturing ambulances, rescue trucks and other specialty response units.



Centrally located in the middle of New Jersey near the shoreline in Manasquan, PLCB has three operating divisions: PL Custom Emergency Vehicles,

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Spec. Rescue International

Article Courtesy of Spec. Rescue International

Spec. Rescue International, Inc. was started in 1994 by four friends who loved to share their knowledge of technical rescue with other first responders. It soon went from a hobby to a successful business with clients in industry response teams; volunteer departments; city, state and federal response teams; FEMA US&R teams; and military disaster response teams. Spec. Rescue is an all-service, all-hazards provider with a laser focus on preparing all of America's first responders for disaster events.



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The Future is HERE — F-500 Encapsulator Agent

If you could design a firefighting agent, you would want fast knock down, permanent burn back resistance, the versatility to be used on almost any fire and an eco-friendly product. Well, the future is here. F-500 EA is an "Encapsulator Agent." It is not a wetting agent and it does not smother a fire, like foam.



An encapsulator agent extinguishes a fire three ways: it encapsulates flammable liquids, rendering them nonflammable, rapidly cools the fuel and surrounding structures and interrupts the free radical chain

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LED Portable Power and Light

Tele-Lite, Inc. Continues to Lead the Way in Innovative Portable LED Floodlighting.

Introducing the next generation of LED Lighting, the TEU-1.LEDTL5 and TEU-2.LEDTL5 for the Honda EU1000 and EU2000 Generators, that enhances generator performance, power output and new environmental standards. The TL5 LED light only draws one ampere, so you have more power to spare for additional lighting.



Providing a robust LED, solid-state solution, resistant to damage from shock and vibration,

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United Communications Motorola Minitor Distributor

Article Courtesy of United Communications Corporation

For over 30 years, United Communications Corp. (UCC) has been the most trusted name in the USA for emergency paging. Over 4,000 first responder organizations and dealers across the country depend on UCC for their paging needs. UCC is proud to be the only Authorized Motorola Paging Distributor and the largest purveyor of Minitor pagers in the USA.



Now, in 2016, UCC and the Motorola Minitor VI pager

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You Don't Have to Be a Navy SEAL to Appreciate the Zodiac Milpro SRA-750

This is not your run-of-the-mill Zodiac MilPro. The Zodiac MilPro SRA-750 D collar is a purpose-specific design for military and professional use. It looks quite aggressive, with its alloy deep-V hull in natural finish topped in matte-black, D-shaped inflatable tubes and crested by heavy-duty hardware.



The hardware includes a tall and very strong tow post forward, a protective center console amidships, and a tubular targa

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Four issues: April 20-23, 2016

Cover position with 500 word article inside Plus, full page, full color advertisement Also, email blast to 50,000 firefighters

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F-500 ENCAPSULATOR AGENT

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reaction. Any of these elements can extinguish a fire.

Whereas foam has to create a blanket to smother a fire, F-500 EA works on a molecular level, making it excellent for various types of fires. F-500 EA penetrates solid fuels in Class A fires and provides permanent burn back resistance. F-500 EA can be applied to Class B polar fires, like ethanol or E10 ethanol-blends in use today. The same F-500 EA can be used to extinguish nonpolar Class B fuels, like diesel or jet fuel. If one of these Class B fuels is spilled on the highway, F-500 EA can encapsulate the fuel, ren-

dering it nonflammable. The mixture can be left to safely evaporate without the costs associated with fuel spill cleanups.

Since F-500 EA does not form a blanket of foam, it is the agent of choice for three-dimensional fires. NFPA 11 Annex A.1.1 states, “Foam is not suitable for three-dimensional flowing liquid fuel fires or for gas fires.” This makes sense, since foam flows off three-dimensional objects. F-500 EA will attack a three-dimensional fuel fire by encapsulating the vapors, rendering them nonflammable. It will rapidly cool the fuel and structure below the auto-ignition temperature of the fuel and will interrupt the free radical chain reaction. This alone could extinguish a fire, but it also virtually elimi-

nates smoke and toxins.

Multiple companies have independently tested F-500 EA for lithium-ion battery fires. To date, F-500 EA is the only agent tested that could extinguish a lithium-ion battery fire, permanently, without reignition.

Vehicle fires represent 17 percent of the fires firefighters respond to. To make cars lighter, today’s vehicles have magnesium door frames, dashboards, seat frames and steering columns. Applying foam or water to these cars can be disastrous. The high temperatures of Class D metals cause the hydrogen in water to form an explosive gas. The result can be injury to the firefighter or damage to turnout gear. F-500 EA completely changes the water drops by

forming a protective skin, making it safe to apply a 3 percent F-500 EA solution directly to burning magnesium or other Class D metals.

For Class C fires, ConEdison tested F-500 EA and other agents and found only F-500 EA could be applied to energized transformers (up to 345 kV) from 125 feet without electrical feedback to the nozzle.

The varied capabilities of F-500 Encapsulator Agent make it ideal for fighting today’s hotter fires, bringing the future to firefighters, today.

Hazard Control Technologies, Inc.

Booth #5359
www.hct-world.com
770-719-5112

F-500 Encapsulator Agent

NFPA's New 3rd Category of Agents



Foam and Encapsulator Agents

- Class A Fires
- Class B Fires (Gas, Diesel or Ethanol-blended Fuels)
- Class K or Class F Fires

Expanding Your Hazard Mitigation Capabilities

- Class B, Three-dimensional Fires (Transformers)
- Class C Fires (FDNY/ConEdison Testing - SOGs)
- Class D Fires (Magnesium, Lithium-ion Batteries*)
- Flammable Liquid Spill Control

* The only agent proven to extinguish lithium-ion batteries, without reignition.



FDIC International
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