

# First Strike™ Super High Expansion Foam Concentrate (US-FC-SHX)

## Technical Data Sheet

US Foam Technologies, Inc.

### DESCRIPTION

First Strike™ Super High Expansion Foam is a synthetic firefighting foam concentrate specifically formulated for low, medium or high expansion foam generating equipment. One gallon of concentrate is capable of producing up to 1000 gallons of foam, depending upon the equipment used. This type of expansion is necessary when "total flooding of an area is required.

When used as a wetting agent on Class A fuels (wood, paper, hay bales, tires, etc.), First Strike™ Super High Expansion Foam allows the water to penetrate the fuel and extinguish deep-seated fires quickly and effectively.

### RECOMMENDED APPLICATION

First Strike™ Super High Expansion Foam is recommended for use between a 1% and 3% proportioning ratio, dependent upon foam requirements and the equipment utilized.

First Strike™ Super High Expansion Foam can be used at the proper dilution ratio when using conventional proportion equipment such as:

- ❖ Balanced Pressure and In-Line Balanced Pressure Pump Proportioning Equipment
- ❖ Balanced Pressure Bladder Tank Type Proportioners
- ❖ Around the Pump Proportioners
- ❖ Hand Line Nozzles with Eductors and Pick-Up Tubes
- ❖ Fixed or Portable In-Line Venturi Proportioners

### TYPICAL PHYSICAL PROPERTIES

Appearance: Clear, Green Liquid  
Specific Gravity @ 77°F (25°C): 1.006 ± 0.025  
pH: 7.0 - 8.5  
Viscosity @ 77°F (25°C): 4.5 ± 1 cP  
Storage Temperature: 32° - 120°F (0° - 49°C)  
Freeze Point: 16°F (-9°C)  
Shelf Life: When properly stored in the original (or approved) sealed container and stored within the recommended temperature range, a shelf life in excess of 25 years can be expected.

### ENVIRONMENTAL INFORMATION

First Strike™ Super High Expansion Foam undergoes a program of ongoing testing to assess the impact on the natural environment. U.S. Foam products are low in toxicity to tested aquatic organisms.

Aquatic life is not adversely affected when First Strike™ Super High Expansion Foam is used and disposed of properly. U.S. Foam products can be successfully treated in biological waste water treatment systems.

This product does not contain any components with reportable quantities under SARA Title III Section 313.

### STORAGE

First Strike™ Super High Expansion Foam may be stored in its shipping container without change to its original physical or chemical characteristics. It does not show significant sedimentation or precipitation in storage or after temperature cycling. If frozen during storage, thawing will render the product completely functional with no effect on performance. The concentrate proportions satisfactorily in ordinary foam equipment at temperatures above 32°F.

### ORDERING INFORMATION

First Strike™ Super High Expansion Foam is available in pails, drums or totes.

<u>Part No.</u>	<u>Container</u>	<u>Shipping Weight</u>
1050.005	5 gallon (19 L) pail	46 lbs (21 kg)
1050.055	55 gallon (208 L) drum	490 lbs (222 kg)
1050.275	275 gallon (1041 L) tote	2490 lbs (1130 kg)

The data contained herein is provided for general informational purposes only. US Foam Technologies, Inc. reserves the right to change any portion of this technical data sheet without notice.