

HEAT BARRIER

NON-TOXIC



THE GREENFIRE® DIFFERENCE

- Multi Class (A/B)
- Non-Clogging
- Non-Carcinogenic
- Non-Toxic
- Easy Clean Up (Zero Haz-Mat)
- Food Environment Safe
- PFAS Free
- Zero VOC
- USDA Recognized
- NSF White Book Listed

GREENFIRE® HEAT BARRIER

GreenFire® Heat Barrier is a revolutionary, non-toxic fire safety solution for contractors, utilities, and automotive industries. Provides an insulated, fire-resistant foam blanket for soldering/welding protection with no clean up, while doubling as leak detection for pressurized piping. Features patented GreenFire® technology.

PRODUCT OVERVIEW

GreenFire® Heat Barrier is a Class A-B Wetting Agent that cools, prevents flare-ups where they can occur, and will adhere to any surface. For use in Hot Work Areas. Non-toxic, non-carcinogenic, and 100% PFAS free.

CLASSIFICATION

Class A-B

INDUSTRIES

- Fire Sprinklers - For use when installing or maintaining copper automatic fire sprinkler systems
- Plumbing - Use when brazing or soldering.
- Use as detection to locate natural gas piping and fitting leaks
- Welding - Use to locate leaks in compressed air lines and natural gas piping and fittings
- HVAC - Use when brazing or soldering
- Automotive - Use to locate compressed air line leaks
- Roofing
- Hot Work Areas

UTILITY CONTRACTORS

- Electric utility service territory hot work areas
- Natural gas hot work areas
- Data communications hot work areas

DESIGNED FOR USE IN

20 oz. Aerosol



Page 1



PHYSICAL PROPERTIES

Proportioning Ratio: This product is not meant to be proportioned by the end user. It is already pre-proportioned.

Specific Gravity: 1.02g/cc

pH: 6.9

Viscosity: ~10cP at 20°C (non-Newtonian varies depending on shear rate)

Shipping Specifications: 20 oz. Aerosol.
5 gal. (19 Liters.) 55 gal. drum (208 Liters.)
275 Gallon Tote.

Storage Temperature: 40°F-100°F

Surface Tension: 29 dynes/cm

Storage: For long term use make sure GreenFire Heat Barrier is properly maintained in the approved container and stored within the recommended range, there is no shelf life.

**Please Note - If freezing occurs, thawing and subsequent stirring will make the product completely serviceable.*

TYPICAL PROPERTIES

Specific Gravity@77F (25C): 1.02g/cc

pH @77F (25C): 6.9

Density: 8.51 lbs./gal.

Viscosity @77F (25C): ~9.8cSt (non-Newtonian: varies depending on shear rate)

Minimum use temperature: 35 F (1.7C)

Storage temperature: 40-100F (4.5 - 38C)

Freezing point: 30F (-1C)

Appearance: Amber liquid

FEATURES

GreenFire® Heat Barrier does NOT have a positive spreading coefficient and is therefore NOT considered an AFFF type foam.

However, its ability to form a stable foam blanket covering a fuel surface allows it to be used effectively in many applications where AFFF foams have previously been the standard. Provides positive fire suppression and vapor control.

JOB SITE APPLICATIONS

GreenFire Heat Barrier Job Site Applications:

- New Construction
- Tenant Improvement
- Remodeling
- Handyman Work

SHIPPING SPECIFICATIONS

- 20 oz. Aerosol
- 5 gal. Tote (19 Liters)
- 55 gal. Drum (208 Liters)
- 275 gal. Tote (1041 Liters)

