



# LENDERINK TECHNOLOGIES

## Fire Retardants



Lenderink Technologies is proud to offer several lines of safe and effective fire retardants from Nochar. Most of these retardants are both non-toxic and biodegradable making them safe to use on many surfaces residentially, commercially and professionally by fire fighters. Take a moment to read about each product and how easy it is to protect your home, your family and your projects.



**Fire Preventer**

A non-Toxic, water based fire retardant used to treat all unsealed natural fiber substrates, such as Wood, Cotton, Paper, Wool, Rayon, Silk, Linen or any Cellulosic Fibers. Ideal for home use on wood shingles and flooring. Fire Preventer can be applied by spray, dip, roller coating, vacuum chamber or curtain coating. Available in a 50 lb bag, this concentrated material will mix easily when needed, extending its shelf life. The Fire Preventer is colorless, odorless and contains no thickeners or inhibitors. It can be applied by spray, brush, roll or pressurization. This product will raise the combustion temperature of treated natural fiber. It will slow the progress of the flame on the materials that have been properly treated with the Fire Preventer.



**S 320**

A latex-based fire retardant liquid paint adhesive, S320 is exterior rated. Its design allows for durability and flexibility. It is non-eintumescent, therefore can come under heat attack again and again. Extremely high heat reflecting properties can be used as an effective light temperature, non-flammable, fire retardant adhesive. S320 is a liquid fire retardant paint adhesive that is effective on both natural and synthetic materials such as wood, metal, flexible and rigid foam, corrugation, sound proofing and other insulation materials such as urethane. Because it flexes, it will not crack or flake. S320 lowers the release of radiant heat and toxic gases during a fire (foam & fabrics). When used in combination with Fire Preventer, S320 has proven to produce a "Class A Flamespread" in the Steiner Tunnel test. S320 is also UV resistant, making it the coating of choice for covered bridges and other historical structures. Apply by spray, dipping or brush. Can be tinted. Solvent free.



Non-toxic, skin friendly paste used as a heat transfer barrier for all types of surfaces, vertical or horizontal. Anyone using a torch can benefit from P215 to protect heat sensitive surfaces near any high heat work such as welding or soldering. Used by jeweler, welders, plumbers, artists, etc P215 adheres to most any surface such as PVC, drains, wood trim, plastic or vinyl components, etc. Apply coating to the heat sensitive surface before "hot" work, then easily wipe clean. P215 is water based therefore cleans spotless with a damp cloth. Available in 8 oz jars, 1/2 gallon buckets or a case of 8.



**E112**

Environmentally friendly, non-toxic spray-on gel that minimizes direct or radiant heat transfer to adjoining surfaces. E112 can be utilized to reduce water requirements to fight structural fires, forest fires, brush fires and fire breaks. This concentration enables the firefighters ability to slow the fire by reducing the thermal transfer of heat from one area to another. E112 leaves a residual coating while moist to reduce rekindling. It is designed for on-site mixing (with water) - mix 3-4% with fresh water, 8-9% with salt water. Five gallons of water, mixed using 1% solution ratio of E112 can do the work of up to one hundred fifty gallons (150) of straight water! This product is available to you in either 1 gallon or 5 gallon sizes.



**F506**

A Fire Retardant Powder Additive for manufacturer's, F506 can be added to your resin to generate fire retarded products that can reduce flame and toxic gases created during a heat attack. It can also greatly reduce the amount of radiant heat released. If you utilize a specialized form of production, our chemist will work with your technical personnel to mix F506 additive into your formulation.