

ADVANCED FIRE RETARDANTS THAT PROTECT YOUR PRODUCTS AND THE ENVIRONMENT, TOO.



Get greener, safer Bulab Flamebloc® chemistries from Buckman.

You don't have to sacrifice effectiveness to have an environmentally responsible fire retardant. Buckman's Bulab Flamebloc GS series of fire retardants are formulated to provide outstanding protection for today's natural and synthetic products. Their innovative mix of unique chemistries, including amino functional ammonium polyphosphate, are clear, water-based, and contain little or no VOC. Best of all, they do not require a halogen donor to provide intumescent and char forming substrate protection. There are many options, too, to help you meet the various standards and specifications required by your industry.

VERSATILITY THAT CAN TAKE THE HEAT.

You can rely on the Bulab Flamebloc® GS portfolio of products for fire retardant protection on a wide variety of substrates, including wood, natural and synthetic fabrics, leather, paper, metal, and plastics. Flamebloc can be applied directly by roll, dip, spray, or brush, and can be top-coated for added protection. The GS series includes fully formulated coatings, an adhesive system, and a solid version. The solid material can be added to an existing formula or used as an additive in various plastic master batches and rubber compounds.



Fabric & Textiles

Choose Flamebloc GS formulations for:

- Natural fibers
- Synthetic fibers (carpet, draperies, wall coverings, rayon, polyester, most synthetic blends)
- Single products for both synthetic and natural fiber applications

Fabric treated properly with Buckman's Flamebloc GS will meet the requirements of NFPA 701.

Wood

Flamebloc GS formulations provide protection for raw wood and other cellulose-type materials that require Class A or Class B fire ratings. Though designed for interior use, these products can be applied to exterior woods if top-coated with an approved exterior coating. We also offer Class C, water-based exterior fire retardants for use on porous woods such as cedar roof shingles.

Paper

Buckman can provide effective fire treatment for all types of paper products, including paperboard, corrugated board, and papers used in the construction industry. Let us help you meet the requirements of NFPA 701.

Leather

Leather upholstery and other products that are properly treated with our Flamebloc GS leather formulation will meet the requirements of FAA 25.86 (15- and 60-second vertical burn test).

Coatings

Buckman offers special formulations that protect the substrate from fire by forming a thick layer of insulating material when exposed to fire or extreme heat. For use on a wide variety of interior surfaces, our chemistry can also be applied in an exterior environment if top-coated with an approved exterior coating. We offer a quick-drying fire retardant tie coat primer, as well.

Plastics

Buckman offers high-performance powder additives for plastics, composites, laminates, rubber and more. Add before extrusion or during various formulation stages to impart fire retardant properties in the finished plastic or composite. Technologies include powder additives that activate below some ignition temperatures, creating a carbon char, that inhibit flame propagation and releases CO₂ and water vapor to cool the flames.

Foam

Get effective flame retardant protection for a wide variety of synthetic foams with our ready-to-use foam fire retardants.

Learn more.

Make sure your products can take the heat. Protect them with Bulab Flamebloc GS chemistries from Buckman. For more information, contact your Buckman representative, or visit us at buckman.com.

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Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE.** No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. B261H (05/16)

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