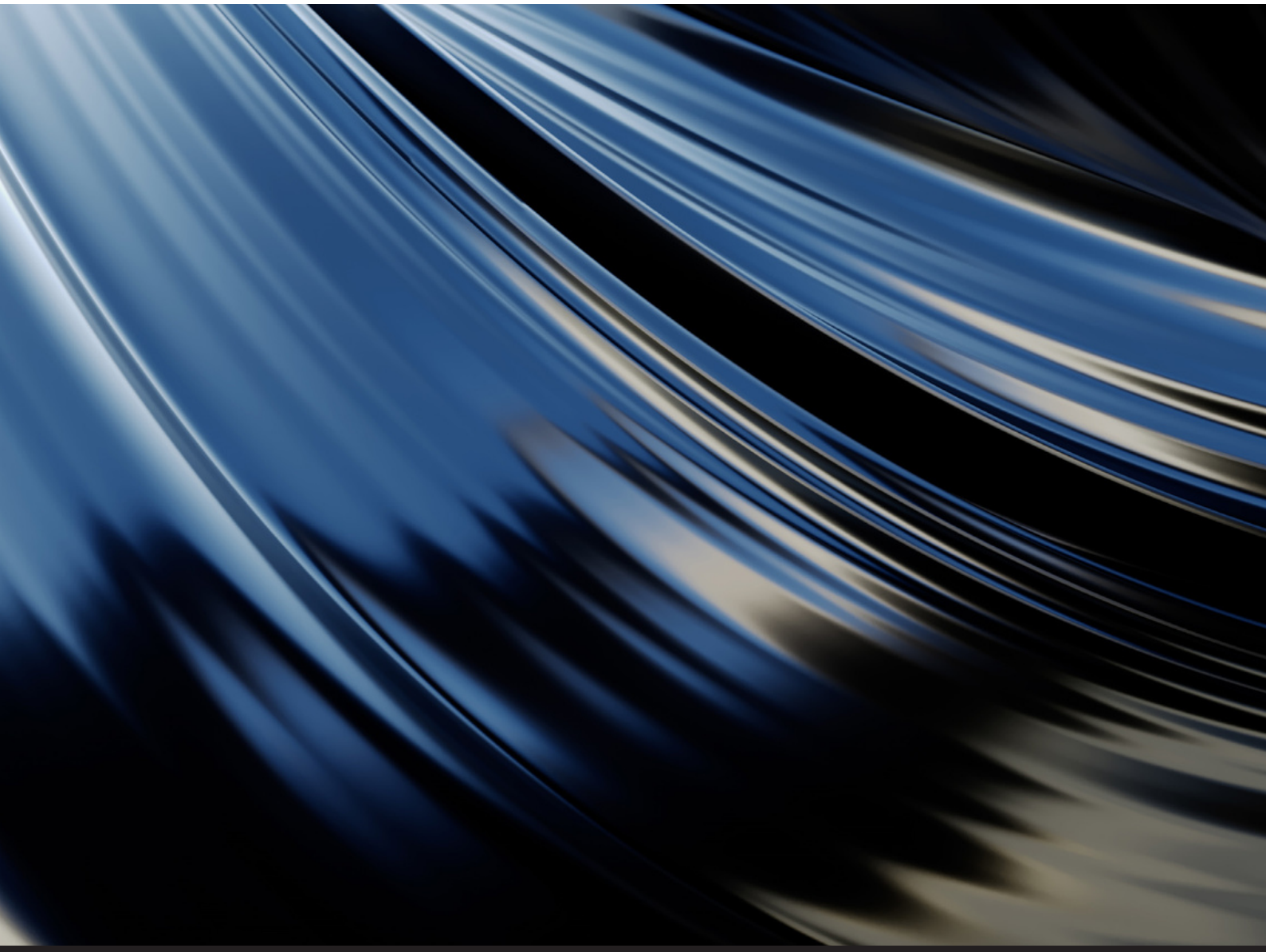


SPECIALTY MATERIALS



Specialty materials include several different customizable products such as PLASTISOL, SYNLEX™ (synthetic latex) and NATLEX™ (natural latex), as well as other plasticizer blends and compounds. New brands also include IONICGUARD® (odor control concentrate) and POLYESSENCE® (solid fragrance and flavor concentrate). The chemical and physical properties of all formulations are tailored to specific customer needs.



SOLUTIONS

IONICGUARD®

Odor control solution

IONICGUARD® is a state-of-the-art odor control system designed to enhance processed plastic products. It is a synergistic combination of fragrance and odor neutralization ingredients that deliver a scientifically proven performance.



- Primarily designed as an additive for POLYESSENCE®.
- Unique active odor neutralization technology.
- Effectively neutralizes 95% of odors, including, but not limited to, ammonia, Diethyl Amine, Indole, Skatole, ISO Valeric Acid, Methyl Mercaptan, Hydrogen Sulfide, mildew, food odor, pet odor & urine, smoke, and body odor.
- Can be custom-formulated for several market applications and OEM processing methods.

NATLEX™

Natural latex solution

NATLEX™ is sourced from natural latex, a milky white liquid that is collected by cutting thin strips in the bark of the Hevea Brasiliensis rubber tree.



- Formulated for a wide variety of market applications and processing methods.
- Optimized for applications including cohesives, adhesives, dipping compounds, slush casting, mold making, sealants, binders and coatings.
- Used to produce flexible and durable end-materials and products.
- Can be custom-formulated as pre-vulcanized compounds.
- Works well in low temperatures.

OXYSAC™

Flood protection barrier solution

OXYSAC™ is a flood protection barrier that acts as both a physical barrier to block out water and as a chemical barrier by absorbing the water with which it is in contact.



- Lightweight for fast deployment.
- Safe, non-toxic and odorless.
- Low-cost preventative measure to avoid major damage and financial loss for homes or businesses.
- Packaged in a moisture-proof vacuum bag to ensure long shelf life.
- Functional solution that saves the hassle of filling and transporting heavy sandbags.
- Reusable once dried.

SOLUTIONS

PLASTISOL

Liquid vinyl solution

PLASTISOL is a liquid form of vinyl that is cured by heat to form a solid end product. Properly cured PLASTISOL can offer a wide variety of physical properties and attributes, all depending on the formulation.



- Can be custom-formulated for a wide variety of market applications and processing methods.
- Optimized for applications including dip coating, dip molding, rotational molding, slush molding, hot melts, inks, textile coatings, and adhesives.
- Performs as a protective, functional, and decorative coating for a variety of end products with many types of resistance properties available.
- Formulated without solvents and low in Volatile Organic Compounds (VOCs).

POLYESSENCE®

Solid fragrance & flavor solution

POLYESSENCE® is a high-performing flavor or fragrance concentrate designed as an additive to your plastic components. The versatile additive is ideal for polymer-based applications including multilayer, blow-molded containers and injection molding.

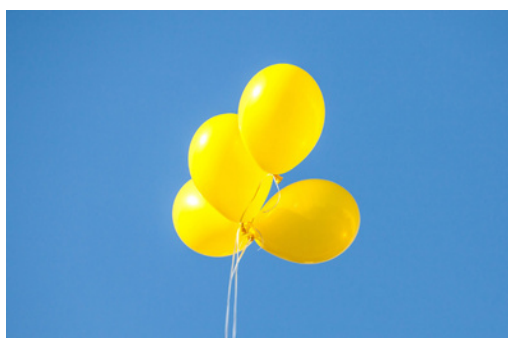


- Can be custom formulated for several market applications and OEM processing methods.
- Color, flavor, and fragrance matching capabilities.
- Unique time-release properties.
- Unique manufacturing process ensures delicate fragrances are not damaged during processing.
- Scent-infused, dry to the touch, dust-free plastic pellets.
- Packaged in vapor barrier containers.

SYNLEX™

Synthetic latex solution

SYNLEX™ are synthetic latex compounds produced to achieve specific high-performance properties. Some of the primary synthetic polymers used include polychloroprene, nitrile, acrylic, SBR, and polyvinyl acetate.



- Formulated for a wide variety of market applications and processing methods.
- Optimized for applications including cohesives, adhesives, dipping compounds, sealants, binders and coatings.
- Can be used to produce flexible and durable end products.
- Offers outstanding physical toughness and a wide processing temperature range.
- Chemical, heat, UV, flame and abrasion resistance.

FORMULATING THE RIGHT MIX.

Since 1976, the Protech Group has been developing and manufacturing coatings, paints, and specialty materials. Through quality and innovation, we formulate the right mix to protect and enhance what matters most to our customers. Protech Group products are manufactured in more than 20 sites worldwide. We serve our customers in countless markets and industries, including construction, infrastructure, transportation, consumer goods, and healthcare.



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