NYRENE SERIES LPG™ (LOW PRESSURE PROPORTIONER) 
SPRAY FOAM & POLYUREA COATING PRODUCT PORTFOLIO

POLYUREA – SPRAY ELASTOMERIC COATINGS

AQUASEAL™ SYNERGY SERIES - ELASTOMERIC BRIDGING POLYUREA
AQUASEAL™ is a new generation, high performance polyurea elastomer. It provides a flexible, resilient, tough, monolithic membrane offering water and chemical resistance. It is designed for filling or repairing control joints, random cracks, and voids created by spalling. AQUASEAL™ may also be used as a roofing system over polyurethane foam, or as a sealant sprayed directly to the substrate (metal, concrete, wood, geo-textile fabric, etc.).

AQUASEAL HI-RISE X3™ SYNERGY SERIES - ELASTOMERIC BRIDGING POLYUREA
AQUASEAL HI-RISE X3™ (X3™) is a unique elastomer that expands approximately 300% of its original volume during the spray application. This economical waterproofing solution is typically applied in a one-step process, which reduces material and labor cost. In place yield is ±50 mils per gallon, per 100 sq. ft. when sprayed through LOCK N LOAD™ gun. When applied to porous surfaces such as vertical poured concrete and concrete masonry units (cmu), X3™ rises to bridge substrate imperfections to virtually eliminate blowholes and pinholes. X3™ is formulated with the “ULTRA BOND™” molecule therefore is self-priming in most instances.

AQUASEAL HI-RISE X5™ SYNERGY SERIES - ELASTOMERIC CUSHIONING POLYUREA FOAM
AQUASEAL HI-RISE X5™ (X5™) is a unique elastomer that expands approximately 500% of its original volume during the spray application. The resulting foam is soft, tough, and viscoelastic, with excellent memory retention. The in place yield is ±80 mils per gallon, per 100 sq. ft. when sprayed through a LOCK N LOAD™ gun. When applied to porous surfaces such as vertical poured concrete and concrete masonry units (cmu), X5™ rises to bridge substrate imperfections to virtually eliminate blowholes and pinholes. X5™ is formulated with the “ULTRA BOND™” molecule therefore is self-priming in most application.

AQUASEAL UB III™ SYNERGY SERIES - HIGH ADHESION ELASTOMERIC POLYUREA
AQUASEAL™ UB III is a cutting-edge, high performance polyurea elastomer invention. Unlike most spray-applied polyureas, this system has the unique capability of adhering to many polymeric substrates, both new and aged, typically without the use of primers or extensive surface preparation. AQUASEAL™ UB III is especially useful for repair of existing liners.

IN CASE OF CHEMICAL EMERGENCY
CALL CHEMTREC: 1-800-424-9300

NEW INDUSTRY INNOVATION FROM SPI
The technological advancement made with the LPG™ Proportioner technology:
Dramatically reduces pin holes and blow holes on porous surfaces, including concrete, wood and EPS.
Effectively resolves shrinkage problems normally associated with hot sprayed plural component elastomers.

SPI
Leading the Polyurea Evolution

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CONTACT US

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LPG™ VIDEO

DEMO VIDEO

ONE-STEP PROCESS

RECOMMENDED USES
- To fill or repair control joints, random cracks, and voids created by spalling.
- AQUASEAL™ may also be used as a roofing system over polyurethane foam.
- As a sealant sprayed directly to the substrate (metal, concrete, wood, geo-textile fabric, etc.).

APPLICATION INSTRUCTIONS
- Optimum Mix and Rise
- Nucleated Processing Temperature
- Sheel Life

INFORMATION ON CONTAINERS
- 55 GALLONS
- 5 GALLONS

DISPOSAL
- First Aid:
- Waste Disposal:
- Cleanup:

CONCENTRATION
- Above 230°F (110°C)
- Below actual
- Below actual

STORAGE
- Moisture contamination can cause dangerous pressure buildup. Do Not swallow.
- Avoid contact with eyes and skin.
- Avoid breathing vapors or mists. Individuals sensitive to the ingredients of the polymer may experience skin irritation or sensitization.
- Vapors may cause irritation to mucous membranes.

WARRANTY
- Liability for any direct incidental, or consequential damages are no warranties, which extend beyond the description on the product label.
- Compliance with the use of the materials and the application of the components by the applicator.
- There are no warranties, which extend beyond the description on the product label.
- The sole exclusive remedy of buyer, which is to have SPI replace any non-conforming product at no cost to buyer, is conditioned upon understand the product and be fully trained and certified in manufacture of the finished polymer other than to supply its two component elastomers. SPI has no role in the manufacture of the finished polymer is determined by the mixture and application of the components. It is vital that the person applying this product understands the product and be fully trained and certified in the manufacture of the finished polymer other than to supply its two component elastomers.
- SPI will not be liable for any direct incidental, or consequential damages resulting from any breach of warranty, negligence or other claim.
- Buyer is responsible for compliance with the use of the materials and the application of the components by the applicator. If improperly applied, failure to follow instructions, or any breach of warranty, negligence or other claim shall be relieved SPI of all liability with respect to the materials and the product's material safety data sheet.
- According to the product's material safety data sheet.
- Nothing contained herein shall constitute permission to practice the invention claimed by any patent without a license from the owner of the patent.
- Buyer’s remedies under these Terms and Conditions are limited to replacement of the product. The sole exclusive remedy of buyer, which is to have SPI replace any non-conforming product at no cost to buyer, is conditioned upon understand the product and be fully trained and certified in manufacture of the finished polymer other than to supply its two component elastomers. SPI has no role in the manufacture of the finished polymer is determined by the mixture and application of the components. It is vital that the person applying this product understands the product and be fully trained and certified in the manufacture of the finished polymer other than to supply its two component elastomers.
- To fresh air. If cough or other respiratory symptoms occur, get medical attention immediately. If skin irritation or sensitization occurs, get medical attention immediately. If eye irritation occurs, get medical attention immediately. If eye contact occurs, get medical attention immediately. If breathing vapors or mists occurs, get medical attention immediately.
- In case of chemical emergency, call CHEMTREC: 1-800-424-9300.
- Visiting us online will allow you to learn more about our products and services.

CONTACT US

VISIT US | facebook.com/SPIpolyurea
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LPG™ VIDEO

DEMO VIDEO

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- Visiting us online will allow you to learn more about our products and services.
POLYUREA – POUR, SELF-LEVELING COATINGS
EPL™ 1.5, EPL™ 4 AND EPL™ 9 - SELF-LEVELING POLYUREA ELASTOMERS
The EPL™ (Extended Pot Life) product series offers a durable, self-leveling polyurea with extended pot life (open-time) ranging from one and a half, to nine minutes. These polymers are ideal for filling or repairing control joints, random cracks, and joint faces. In addition, the EPL™ products are a great solution for self-leveling base coats, spot repair of existing coatings, deck and floor repairs.

SPRAY POLYURETHANE FOAM (SPF)
ICC APPROVED, CLASS 1 RATED
SYNERGY SERIES ENVELO-SEAL™ 0.5 LB. IB SPRAY FOAM
IGNITION BARRIER RATED FOAM
ENVELO-SEAL 0.5™ OC spray-applied polyurethane foam is a two component, low-density, non-structural insulation system designed for commercial, residential, and industrial applications. The low density nature of ENVELO-SEAL™ 0.5 OC allows for tremendous yield, while still affording critical air sealing of the home, office space, or classroom, resulting in better air quality, and an increased comfort for building occupants. Synergy Series ENVELO-SEAL™ 0.5 OC has been approved for use in attics and crawlspaces per ICC-ES AC377, Appendix A1.2.2 and Appendix X. Please contact SPI for testing credentials and further details.

SYNERGY SERIES ENVELO-SEAL™ 2.0 LB. IB
IGNITION BARRIER RATED FOAM
ENVELO-SEAL™ spray applied polyurethane foam is a two component, medium-density, structural insulation system designed for commercial, residential, and industrial applications. Closed-cell polyurethane foam yields a high R-value. Minimizes air and moisture infiltration. The spray applied nature of ENVELO-SEAL™ SPF allows for tremendous sealing properties which contribute to healthier homes and workplaces. The rigid nature of ENVELO-SEAL™ increases overall structural integrity resulting in more durable structures. ENVELO-SEAL™ expands during application to provide increased performance values by sealing the building envelope. Synergy Series ENVELO-SEAL™ 2.0 CC has been approved for use in attics and crawlspaces per ICC-ES AC377, Appendix A1.2.2 and Appendix X. Please contact SPI for testing credentials and further details.

SYNERGY SERIES ENVELO-SEAL™ 2.5 - 3.0 LB. ROOFING FOAM
ENVELO-SEAL™ 2.5 roofing foam is a two-component, rigid, closed cell polyurethane system for sprayed-in-place applications. This foam is low viscosity and is specifically designed for spray operations to produce a high yield, rigid foam for roofing, tooling, molds, pipelines, tanks, foundations, fish holds, and other commercial/industrial exterior surfaces.

SPRAY POLYURETHANE FOAM (SPF)*
SYNERGY SERIES ENVELO-SEAL™ SPRAY FOAM
ENVELO-SEAL™ is a non-rated, spray polyurethane foam and is available in 1.5 – 30 pound densities. The product is a low-viscosity foam designed to produce rigid foam for tooling, molds, pipelines, roofs, foundations, fish holding ponds, water features, and other commercial or industrial exterior surfaces where a fire rating is not required.

POUR FOAM*
SYNERGY SERIES ENVELO-POUR™ FOAM
SPI ENVELO-POUR™, a low-viscosity foam, is designed for pour operations to produce rigid foam for flotation, cavity filling, structural insulation panels, and may also be used as pole-set in lieu of concrete, and other exterior surfaces where a fire rating is not required. It can be custom formulated in densities ranging from 2 to 30 pounds. This economical product is also ideal for pipeline and tank decommissioning.

*This product has not been tested for flame spread or smoke development.

LOCK N LOAD™ Gun

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