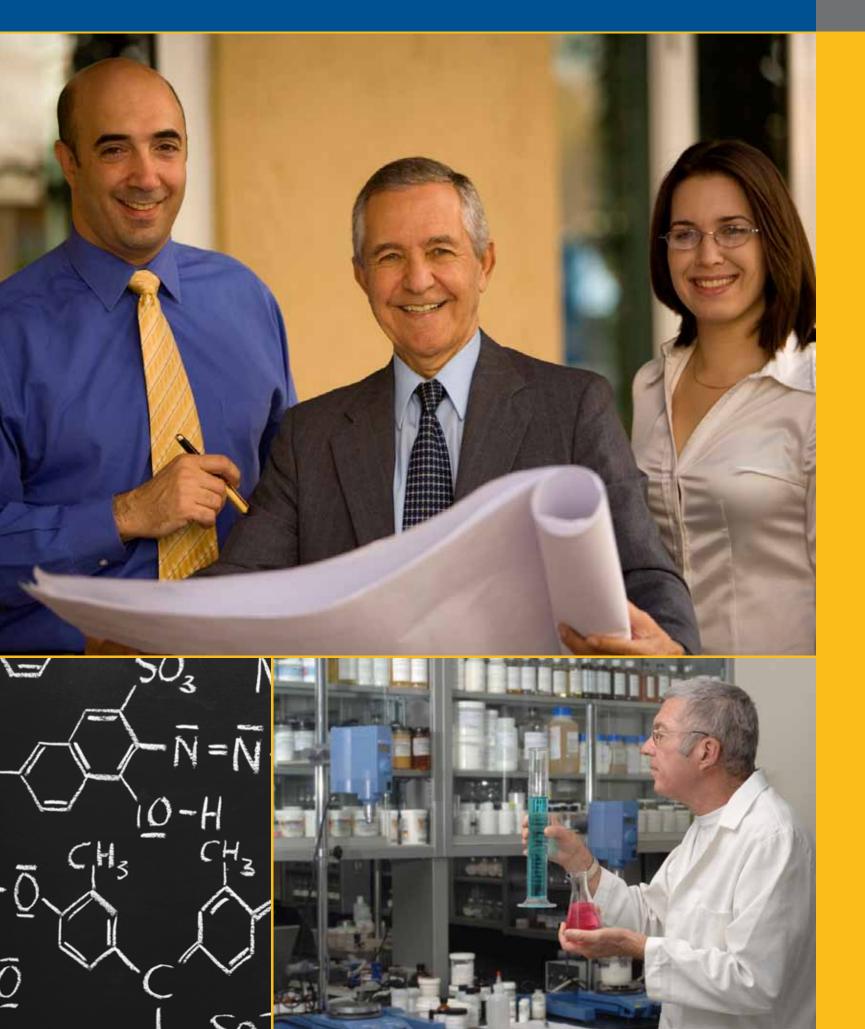


## **Specialty Products, Inc.**

**Eco-Friendly Protective Coating** and Polyurethane Foam Solutions





### **Specialty Products, Inc.**

## Over 35 years of manufacturing innovative products that deliver superior solutions

Since 1974, Specialty Products, Inc. (SPI) continues to be a worldwide leading manufacturer in the protective coatings and polyurethane foam industries. SPI is your single source solution for all of your elastomeric coatings, polyurethane foam, and application equipment needs. Our mission is to foster solid business relationships by bringing value to our customers and industry partners.

EXPERIENCE - SPI offers industry expertise and high-performance, time-tested products that provide global solutions to numerous residential, commercial, and defense industries.

SERVICE ORIENTED - Our team will work closely with you through each project phase to ensure you get the most from your investment.

CUTTING EDGE - SPI's innovative R&D team has developed over 30 unique formulations with a wide range of physical properties to meet your specific project requirements.

ADVANCED SUPPORT - Our customers know they can rely on SPI's year-round 24/7 technical support, backed by a dedicated staff with over 150 years of combined industry experience. SPI certified instructors provide comprehensive, hands-on product application, and equipment training classes.

We Invite You To Experience The SPI Service Difference.



### Enjoy the confidence of having the right polyurea manufacturer standing with your business

## Decades of industry experience with protective coating systems

#### What is polyurea?

For reference purposes, a pure polyurea coating/elastomer is derived from the reaction product of a polyisocyanate component and an amine-terminated resin blend. These two components (called A & B) are typically processed separately through pressurized & heated equipment, and mixed together at the tip of the spray gun to create an industrial strength plastic coating.

SPI has over 30 unique polyurea elastomer coatings with a wide range of physical properties to meet your specific project requirements. Whether your project specifications call for a precise shore durometer hardness, tensile strength, elongation, or resistance to a certain chemical, our qualified team will work with you to find the right solution.

Our pure polyurea coatings provide a protective barrier for a variety of properly prepared surfaces:

- Metal, steel, aluminium, etc.
- Concrete
- Wood
- Glass & fiberglass
- Polyurethane foam systems
- Geo-textile fabric
- Plastic, rubber, and other materials

SPI's elastomeric coatings form a seamless, monolithic membrane that conforms to virtually any shape or size. The chemistry used in our advanced coatings, creates a rapid-curing cycle that minimizes the return to service time. Our polyurea coatings provide the ultimate protection that extends the service life of your valuable investment.



### **SPI high-performance polyurea** elastomeric coatings

The toughest and most time-tested protective coatings in the industry

SPI barrier coatings provide superior protection for your most

- Blast Mitigation
- Energy Absorption

- Waterproofing
- Non-Skid, Slip Resistant Surfaces Numerous Others

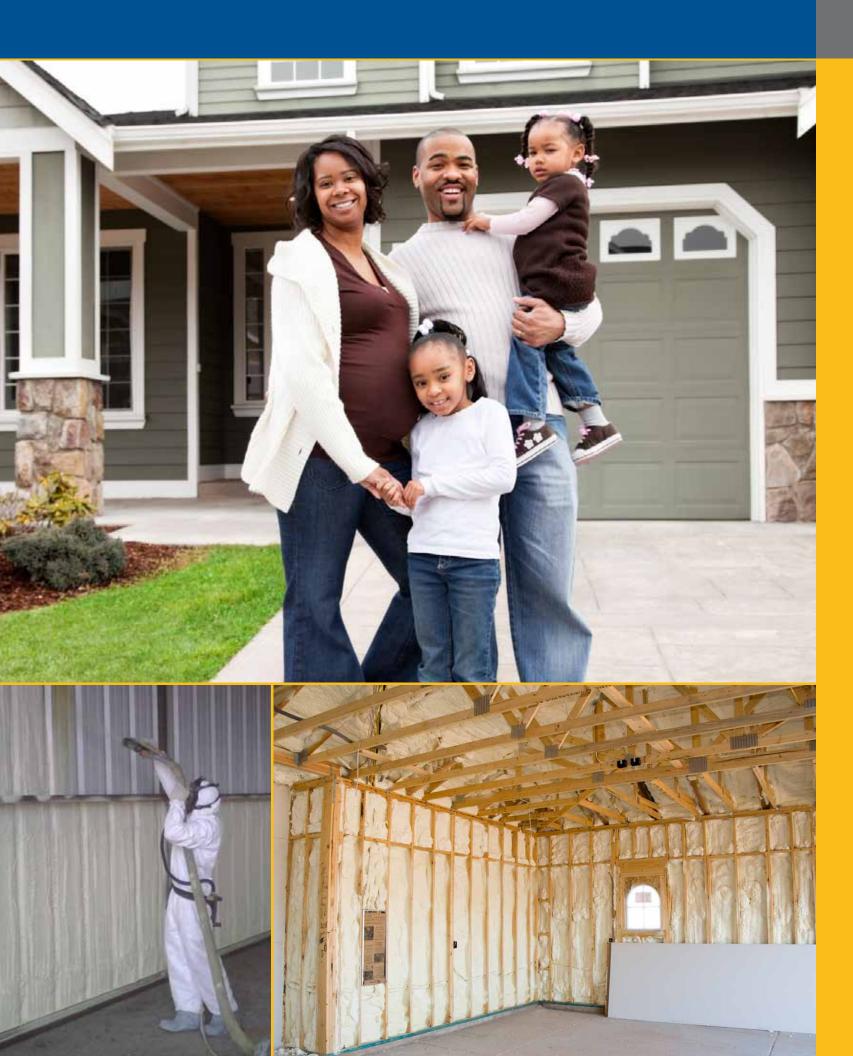
- Corrosion Protection
- Chemical Resistance

- Weather Protection
- Structural Reinforcement

- Oil & Gas
- Military / Defense
- Environmental Protection
- Residential Construction
- Water Conservation Irrigation Chemical

- Nuclear Power

- Food & Beverage



## **Energy efficient insulation** and roofing systems

## Thermal and moisture management in one system

With the rising cost of energy, a focus on green building initiatives, and the availability of energy upgrade rebates, architects and builders are recommending insulation materials that add significant performance value to construction projects. Spray Polyurethane Foam (SPF) is a performance upgrade over conventional insulation and roofing systems.

There are two spray foam insulation product types: open-cell spray polyurethane foam and closed-cell spray polyurethane foam insulation.

All spray foam insulation chemistry is comprised of two components - an "A" Component or Isocyanate and a "B" Component. The "B" Component distinguishes one spray foam insulation system from another.

SPI Spray Foam creates a "seamless" air barrier system that provides optimal building envelope performance, contributing to sustainable buildings and significant energy cost savings.

#### **Recommended Applications:**

- Commercial and residential building insulation
- Creating a building envelope vapor, air and moisture barriers
- Low-slope roofing system
- Industrial insulation for pipes, tanks, and climate-controlled buildings
- Slab jacking and cavity filling
- Packaging, furniture and architectural design
- Flotation for boats, ships, barges, and floating docks

SPI offers a complete line of open-cell, closed-cell, and pour foam polyurethane foam systems.





## Thermal and ignition barriers for spray polyurethane foam

### Fighting fire with innovative chemistry

SPI offers spray applied, thin-film intumescent paint and cementitious high-build thermal and ignition barrier coatings for spray polyurethane foam (SPF) insulation. National building codes require the use of a qualified thermal and/or ignition barrier to protect exposed SPF insulation. SPI is committed to not only meeting building code requirements, but more importantly, helping save lives and physical property.

#### Flame Seal - TBTM

FS-TB<sup>TM</sup> is an ultra-thin film intumescent, fire resistant coating that provides thermal and ignition barriers for spray polyurethane foam insulation. FS-TB<sup>TM</sup> is the SPF industry's first and only International Code Council (ICC) approved 15 - minute fire barrier coating.

- Cost effective, economical thermal and ignition barrier
- Easily applied with commercial airless spray equipment
- Increased application rate; substantial labor savings
- Eco-friendly, compliant with FDA/USDA for incidental food contact
- Ultra-thin film fire retardant coating
   18 dry mils 15 min. thermal barrier, 7 dry mils ignition barrier
- Product training and year-round 24/7 technical support

Flame Seal-TB's<sup>TM</sup> credentials have been approved by code inspectors and specified by architects and engineers nationwide. Many fire retardant coating companies make a lot of claims, but don't have the proper credentials to keep your business in compliance with national building codes.

Flame Seal-TB<sup>TM</sup> is compliant with the following codes: International Building Code® (IBC)
International Residential Code® (IRC)
International Energy Conservation Code® (IECC)
BOCA® National Building Code (BNBC)
Standard Building Code® (SBC)
Uniform Building Code<sup>TM</sup> (UBC)

#### Foam Safe<sup>TM</sup>

Cementitious high-build thermal and ignition barrier for spray polyurethane foam insulation. Foam Safe<sup>TM</sup> has provided reliable SPF fire protection for over 20 years. This ICC and UL approved product is also compliant with national building codes.





## Your single source solution for polyurea coatings and spray polyurethane foam application equipment

plural-component proportioners, pumps, spray guns, parts, and accessories. Having the right equipment for the job and a supplier that continuously supports your project needs, will increase your productivity. Our knowledgeable Graco certified team members will assist you with selecting the right equipment for your needs.

Air-Driven:	Electric:	Hydraulic:
PPP 16/16	Reactor E-20	Reactor H-XP2
Reactor A-20	Reactor E-30	Reactor H-XP3
	Reactor E-XP1	H 20/35 Pro
	Reactor E-XP2	Reactor H-25

Specialty Products, Inc. takes pride in being an industry leader in proper safety practices. We offer a complete line of Personal Protection Equipment (PPE).

SPI introduces The Synergy Series System(s) featuring the LPG<sup>TM</sup> (Low Pressure Gear Proportioner). The LPG<sup>TM</sup> is designed to work seamlessly with our Synergy Series Chemistries, including a number of spray and pour polyurea elastomers, and spray and pour foams.

#### LPG<sup>TM</sup> - Low Pressure Gear Proportioner:

- Lightweight and portable
  Uses 110 volt and can plug into standard electric wall outlets
  Minimal field maintenance or repair
  Easy to change replacement proportioner pumps

Whether you're planning to start your own business or broaden your capabilities, our friendly, knowledgeable, and experienced team is here to help.



# We invite you to experience the SPI service difference

#### Year-Round 24/7 Technical Support

SPI provides advanced support from a technical staff with over 150 years of combined industry experience. Our technicians have years of field experience and thoroughly understand how to support your business through the entire application process.

#### Advanced Hands-On Training Classes By Industry Experts

SPI offers in-depth training classes throughout the year. These classes are taught by certified instructors at our Lakewood, Washington and Rowlett, Texas facilities.

Class attendees receive hands-on training on how to properly apply all of our elastomeric coatings and polyurethane foam systems. In addition, class participants learn how to use and troubleshoot plural component equipment, spray guns, parts, and accessories.

SPI provides the most up-to-date, advanced training for industry professionals looking to start or expand their business.

#### **SSPC:** The Society for Protective Coatings

SPI will be hosting several SSPC training classes. We invite you to come learn from industry experts about the latest coating applications, specifications, and safety practices.

Visit www.specialty-products.com for details.

### www.specialty-products.com

info@specialty-products.com 1.800.627.0773 or 253.588.7101

International: 1.800.478.7473 international sales@specialty-products.com



Anchorage, AK 1425 Spar Avenue Anchorage, AK 99501 <u>Lakewood, WA</u>
2410 104th St. Ct. So. Ste. D
Lakewood, WA 98499

Rowlett, TX 2601 Lawing Lane Rowlett, TX 75088