



**Our chemistry  
builds a better  
tomorrow.**

**A WORLD LEADER IN  
POLYURETHANE TECHNOLOGY  
AND SOLUTIONS**



An industry  
**leader**

Since 1972, FSI has been a trailblazer in the development, manufacturing, and delivery of top-tier polyurethane products and processing solutions. Our unwavering commitment to quality and innovation enables us to exceed customer expectations time and again. With cutting-edge technology, unrivaled consistency, and exceptional technical support, we empower companies to enhance their product quality while minimizing costs. FSI stands unmatched in its ability to cater to the unique needs of our diverse markets, ensuring our partners achieve excellence with every product they create. Discover the FSI difference—where dedication meets innovation.



## Success through innovation.

FSI has a proud legacy of pioneering innovative polyurethane systems and equipment, driven by cutting-edge research and development. Our patented foam technologies empower customers to lead in regulatory compliance while championing environmental sustainability. With industry-revolutionizing advancements like in-line blending technology and solvent-free dispensing equipment, we've enhanced occupational safety and significantly reduced waste. At FSI, "Success through Innovation" isn't just a motto—it's ingrained in our culture, propelling us and our partners toward a safer, more sustainable future.

## Our chemistry builds a better tomorrow.

At FSI, safeguarding our planet is more than a goal—it's a guiding principle. Independent of industry trends or regulatory mandates, we have consistently championed environmental protection. Leading the way in eliminating harmful HFCs, we've successfully transitioned our clients to eco-friendly solutions powered by Ecomate® technology. Our innovative systems, including Ecofoam®, Ecospray®, Ecoflex™, Ecomarine™, and Ecostar®, not only uphold the highest standards of environmental responsibility but also deliver uncompromising performance. Join us on this journey towards a sustainable future without sacrificing quality.

## Turnkey and customized solutions.

Beyond our high-performance polyurethane systems, FSI offers comprehensive turnkey solutions that encompass chemical storage, dispensing, and processing equipment. We excel in crafting bespoke solutions, tailored precisely to each unique application. Our commitment extends beyond design and implementation; we stand by our customers throughout production, offering expert consulting at no extra cost. By prioritizing what best serves our customers' needs, we ensure a seamless and supportive partnership every step of the way.

## Service what we sell.

At FSI, our legacy of technical superiority and organizational strength empowers us to meet every need of our customers. Since 1972, our core value of "Service What We Sell" has been the cornerstone of our success, and it remains one of our most significant assets. Our proactive approach ensures we stay in continuous, direct contact with our clients, offering routine on-site service to keep their operations running smoothly. We are dedicated to supporting our customers in every possible way, ensuring their success is our success.





Serving a range of markets and  
**industries**

FSI proudly offers an extensive array of polyurethane systems, including rigid, spray, flexible, and CASE products, positioning us as leaders in innovation and versatility. Uniquely, we are the only provider in the industry that manufactures our own patented dispensing equipment, ensuring superior quality and performance. As a comprehensive turnkey provider, we also collaborate with other equipment manufacturers, distributing their solutions when they best meet our customers' needs. Our expansive portfolio empowers us to serve a vast range of markets and industries, from large-scale operations to small manufacturers. We're committed to helping all manufacturers elevate their products while enhancing environmental sustainability.

**FSI offers products and services that provide many advantages to manufacturers in markets and industries such as:**

- ✓ Appliance
- ✓ Automotive
- ✓ Boating & Marine
- ✓ Commercial Refrigeration
- ✓ Construction
- ✓ Continuous Lamination
- ✓ Discontinuous Panels
- ✓ Fiberglass Utility Crossarms
- ✓ Flexible Molded Products
- ✓ Foodservice Equipment
- ✓ Furniture & Bedding
- ✓ Garage & Entry Doors
- ✓ Geotechnical
- ✓ HVAC
- ✓ Insulated Piping
- ✓ Manufactured Housing
- ✓ Packaging
- ✓ Pipe Insulation
- ✓ Refrigerated Transport
- ✓ Rotational Molding
- ✓ Spray Foam
- ✓ Sporting Equipment
- ✓ Structurally Insulated Panels (SIPs)
- ✓ Taxidermy
- ✓ Trench Foams
- ✓ XPS





# Custom polyurethane **products**

At FSI, we are committed to helping you achieve your goals—whether it's enhancing product quality, boosting production efficiency, cutting environmental impact, reducing costs, or minimizing waste. Our team of expert chemists and technicians collaborates closely with you to tackle your most challenging issues. With a wide range of customized solutions, from rigid, spray, flexible, and integral skin polyurethane foams to adhesives and polyol blends, FSI is equipped to meet your unique needs. Let us partner with you to drive innovation and success in your operations.



## Rigid Foams

We manufacture various rigid foam systems, from superior insulating systems like Ecofoam® and Ecostar™, to product families designed specifically for structural integrity like our Genfoam™ family. We offer rigid systems for appliances, commercial refrigeration and foodservice equipment, high performance coolers, discontinuous panels, doors, refrigerated transport, marine and many more.

## Spray Foams

We offer spray foam systems for agricultural, commercial, residential and geotechnical applications. Our Ecospray® line is ideal for architects, contractors and consumers who are environmentally conscious but demand maximum insulation performance.

## Flexible Foams & Integral Skin

Flexible and integral skin foams from FSI offer many advantages, including greater processing latitude and vastly improved finished product quality. Our environmentally friendly Ecoflex™ systems produce resilient foams with excellent “hand feel,” high compression sets for pillows and memory foams, excellent skinning and improved tear/abrasion resistance at lower densities.

## Adhesives

We offer two industrial urethane adhesives. OnePart® all-purpose adhesive, typically used for recreational vehicles, garage and entry doors and SIPs (Structurally Insulated Panels), cures in just minutes and can join virtually anything. FoamNail® is a spray applied two-part adhesive designed for the manufactured and modular housing markets for sidewall, floor and roof production.

## Packaging Foam

No matter what size or shape product you need to protect, FSI offers economical and efficient packaging foam that can provide you with superior cushioning, impact resistance and shock-absorption.

## Polyol Blends

For customers that need specialty polyol blends, and/or for those not fully equipped to handle the wide range of additives necessary to maximize blend quality, we have proven solutions. We also offer private labeling to respect the integrity of our customers' products.

## Hand-Mix Kits

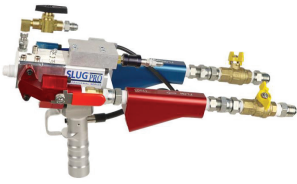
We provide convenient, easy-to-use, two-part expanding foam kits specially created for marine and taxidermy applications. Visit [www.fsifoamkits.com](http://www.fsifoamkits.com) for details.





Polyurethane  
**equipment**

In the world of polyurethane manufacturing, the synergy between the right equipment and chemical systems is crucial for optimal performance. At FSI, we understand this balance and offer tailored solutions to meet your specific needs—be it a single dispensing unit, an array of equipment, or a comprehensive production system. Our expertise lies in designing, building, and servicing top-tier products that guarantee seamless operation. Additionally, our strategic partnerships with industry leaders allow us to provide the best equipment solutions, ensuring your chemicals and machinery work in perfect harmony. Choose FSI for an integrated approach that maximizes efficiency and performance in your manufacturing processes.



### SLUG® PRO

FSI's SLUG® Pro represents the pinnacle of our innovation in pressurized dispensing technology, tracing its roots back to our founder's original solvent-less air purge model. Crafted from top-grade materials, including 2024 T6 aircraft-grade aluminum, brass valves, and Teflon-lined stainless steel braided hoses encased in ballistic nylon, the SLUG Pro is both lightweight and robust. Its design is sophisticated yet straightforward, prioritizing user-friendly operation, maintenance, and repair.



### POLYSHOT™ PRO

We developed the POLYSHOT™ PRO to literally "fill the gaps" – not just gaps that need foam, but the gaps in equipment choices. The POLYSHOT PRO is the perfect choice for customers who don't need a sophisticated, costly, high pressure machine, yet do need something more durable and reliable than a disposable, plastic gun. Our Technical Group kept the end user in mind throughout the design process, and delivered a dispensing gun that is simple to use, withstands rigorous application environments, and is easy and inexpensive to maintain.



### POLYSHOT™

We developed the POLYSHOT™ as a solution to the ever-changing regulations within the spray foam industry. With harmful HFC's being phased out, the need to have an alternative propellant presented itself. The POLYSHOT polyurethane dispensing applicator is the cost-effective choice for customers who need a high quality disposable spray foam applicator.



### GRACO

FSI is an authorized distributor for GRACO, a leading provider of premium pumps and spray equipment for polyurethane foam applications in the construction, manufacturing, processing and maintenance industries. FSI can help you find a GRACO equipment solution to meet your needs.



### EKOSYSTEM

FSI is an authorized distributor for Ekosystem PU Technology, the manufacturer of highly customizable polyurethane foaming machines with the best low and high-pressure technology for mixing, dosing and foaming operations.



## OnsiteACT™

### Control of polyurethane production at your fingertips.

Onsite ACT™ is a complete foaming and quality assurance system that integrates quality checks, condition monitoring, QR code scanners, operator access control, and more to guarantee your operation works smoothly and effectively. We developed the Onsite ACT with a thorough understanding of the polyurethane production process from our 50+ years of experience and collaboration with customers. Onsite ACT provides a full range of dispensing options that can meet your specific needs and manufacturing requirements.

A man wearing a dark blue and white mesh cap, safety glasses, and a grey polo shirt is looking intently at a piece of industrial machinery. The machinery is white and yellow with various hoses and components. The background shows a factory setting with overhead lights and structural beams.

# Industry-leading service and **support**

“Service What We Sell.” More than just a slogan, these were the words of our founder, who began his urethane industry career in service. This is the foundation on which FSI built its reputation and ongoing commitment to routine on-site service. It is this unmatched level of customer service that truly sets us apart from our competitors, both large and small. We are proud to have helped many companies start foaming their products for the very first time, and we are always eager to visit our customers to provide continual service, training and support.

## Routine On-Site Service

We don't just visit your facility when you have a problem – we visit on a routine basis to ensure proper maintenance. This proactive approach helps to avoid problems and unplanned downtime. Our technical specialists are unmatched in experience and are always available to provide you with the answers, assistance and critical resources you need.

## Production Demo, Trial, and Implementation

FSI engineers, chemists and industry experts are available to consult with you to develop systems that meet your specific objectives. We assist in conducting extensive trials to ensure that product performance and quality meet your standards. Demonstrations and trials help to optimize processing, as well as to set standards and guidelines that help assure your product implementation and ongoing use is successful.

## Process Consultation

Finding effective solutions to our customers' challenges is all part of a day's work at FSI. While we offer many standard polyurethane solutions, we also specialize in developing custom solutions. We welcome any problem, any challenge, at any time – and will find the right solution to get your job done efficiently and effectively.

## Design Engineering

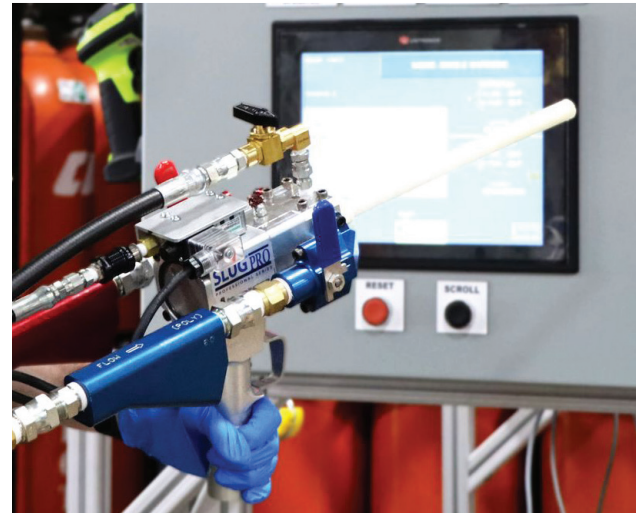
When you need additional engineering resources, FSI is ready to help. Part of our technical team, our expert Engineering Department is equipped to act as an extension of your internal team, assisting with everything from final product design to development of your manufacturing environment – including chemical storage, containment, dispensing and piping systems.

## Repackaging

Whether we're developing a custom or toll-blended polyurethane solution for you, or working with products you ship to us, we provide a full range of flexible repackaging options tailored to your needs.

## Toll Blending

Our advanced facilities and large production capacity allow us to provide comprehensive toll blending services at our plants in St. Louis, Missouri, and Dallas, Texas.





The Ecomate<sup>®</sup>  
**advantage**

For over a half of a century, our unwavering vision has been to create superior products that champion environmental sustainability. Ecomate<sup>®</sup> stands at the forefront of the polyurethane foam industry, leading the way with groundbreaking innovations in eco-friendly technologies. Today, our patented Ecomate technology is celebrated as the most tested and proven environmentally-friendly blowing agent on the market. Whether you're seeking superior thermal efficiency to meet evolving regulatory standards, aiming to minimize the environmental footprint of your manufacturing processes, or simply looking for the best value, Ecomate delivers exceptional results across a wide array of industries. Whatever your needs, Ecomate offers the reliable and effective solution you've been searching for.



## The environmentally friendly blowing agent.

Because Ecomate® is an affordable, effective and environmentally sound choice to replace HFCs and smog-producing hydrocarbons, it is used around the world in a wide range of industries to produce rigid, flexible and integral skin polyurethane foams, as well as extruded polystyrene (XPS) insulation. In addition, many companies have turned to Ecomate to meet various regulatory phase out requirements, because it requires little or no changes to their production processes and equipment.

## Proven effective in a broad range of industries.

FSI's Ecomate-based foam systems have proven success helping our customers produce better products that are better for the environment, often while reducing overall costs. Whether you use an FSI foam system or our Ecomate blowing agent to blend your own system, Ecomate technology provides excellent insulation value and other important physical properties for a wide range of products. Using Ecomate also provides our customers' products with a "green" competitive advantage in their respective markets.



## The Many Benefits of Using Ecomate®



Environmentally friendly



Safe and easy to use



Thermally efficient



Worldwide supply capabilities



Proven track record



EPA SNAP compliant for all foam blowing end uses



Cost effective



PFAS FREE





# About FSI

While FSI started as a family business in the 1970s, today we've become the largest independent polyurethane systems supplier in America and a global enterprise. Our continued growth over the years has resulted in an organization with 2 manufacturing facilities in the US, 7 international offices, technology partners and distributors in 17 countries, and customers across the globe.



## A family owned business at heart.

David G. Keske founded FSI in October 1972 after working at the Olin Chemical Company. He left Olin when the corporate philosophy at the time called for stopping sales to customers with purchase volumes below certain annual minimum requirements, leaving these smaller customers to fend for themselves. In those “small” customers, Mr. Keske saw huge opportunity.

In the early days, the business primarily consisted of transferring chemical systems into pressurized cylinders for customers who were too small for large suppliers, or those who wanted more personal attention. FSI soon gained a reputation for expert application assistance and technical support, which were in keeping with David Keske’s philosophy: Provide high quality polyurethane systems and outstanding customer service and technical support – to every customer, large or small.

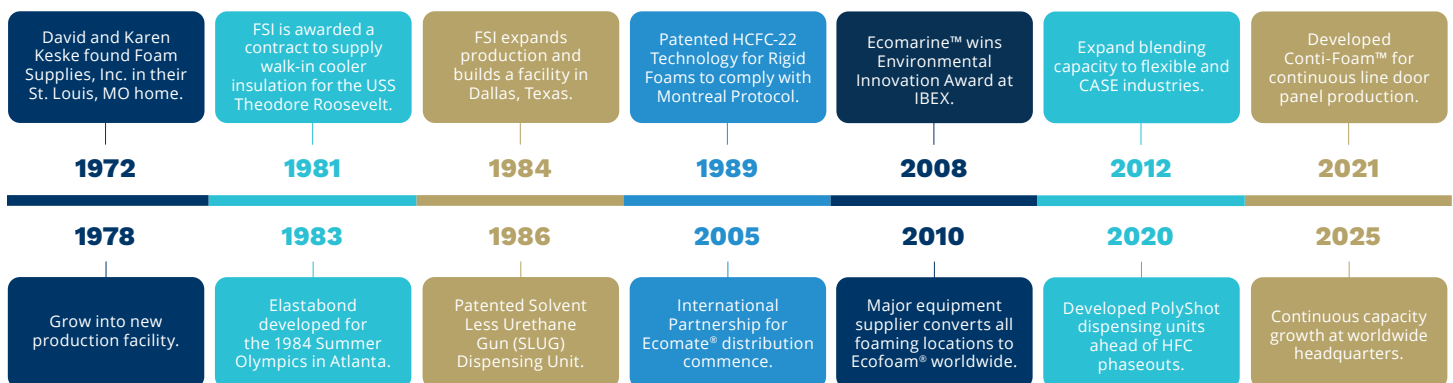
## Our values and beliefs.

At FSI, our core beliefs in life and business are straightforward yet profound. We are committed to “doing the right thing” in every action we take, ensuring integrity is at the heart of our operations. Respect is paramount, whether it involves interactions with our team or our clients. Delivering the highest quality and service levels to every customer, regardless of size, is non-negotiable for us. We understand the importance of earning a fair profit while ensuring our customers and vendors can do the same, as this mutual success strengthens all our businesses. By maintaining reasonable profits, we contribute to the ongoing success of our partners, which we believe is crucial for everyone’s sustained prosperity.

As a family owned business, we take great pride in the fact that our steady, consistent growth has allowed us to never have a layoff – not once. We feel that validates the commitment to customer service that David Keske instilled in our company, and one we still abide by today.



## From 1972 until today, FSI has continued to grow and innovate.



# A WORLD LEADER IN POLYURETHANE TECHNOLOGY AND SOLUTIONS



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