



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



**Success  
through  
Innovation**

# An Industry Leader

Since 1972, FSI has been committed to developing, manufacturing and delivering the highest quality polyurethane products and processing solutions. Through ongoing improvement and innovation, we continually meet our customers' needs and expectations. Our superior technology, unmatched consistency and unparalleled technical support play vital roles in helping companies produce better products while reducing their out-the-door costs. No other company can match Foam Supplies' ability to meet the specific needs of our customers in the markets we serve.







### **SUCCESS THROUGH INNOVATION.**

FSI has a long history of developing innovative PU systems and equipment through cutting-edge research and development. We hold patents on various foam technologies that have allowed our customers to stay ahead of regulatory compliance and help protect the environment. Plus, our industry-changing developments such as in-line blending technology and solvent free dispensing equipment have improved occupational safety and mitigated unnecessary waste. “Success through Innovation” truly is part of the culture at FSI.

### **BETTER PRODUCTS. BETTER FOR THE ENVIRONMENT.**

Protecting and preserving our environment has always been important at FSI, regardless of industry or governmental pressures. We were the first to phase out CFCs with our patented HCFC technology, well ahead of regulatory deadlines. Doing so was simply the right thing to do. We continue to lead the charge to phase out HFCs, and have converted our customers to environmentally benign products, like systems based on Ecomate® technology – including Ecofoam®, Ecospray®, Ecoflex™, Ecomarine™ and Ecostar®. These systems are not only environmentally responsible, but do not compromise on performance.

### **TURNKEY AND CUSTOMIZED SOLUTIONS.**

In addition to high-performance polyurethane systems, our turnkey solutions can also include chemical storage, dispensing and processing equipment. We specialize in custom solutions, in both chemicals and equipment, for each individual application. We partner with our customers through design and implementation, and continuously through production – providing expert consulting at no additional charge. Our approach is to always focus on what best serves the needs of our customers.

### **SERVICE WHAT WE SELL.**

At FSI, we pride ourselves on technical superiority, organizational strengths, and the ability to service ALL of our customers’ needs. “Service What We Sell” was one of our core values since we started in 1972, and continues to one of our strongest assets. Our proactive approach is based on maintaining continuous and direct contact with our customers, providing routine on-site service to keep production moving forward. We’re here to help our customers in any way we can, and that’s exactly what we do.

# Serving a Range of Markets and Industries

FSI offers various polyurethane systems, including rigid, spray, flexible and CASE products. We also are the only PU systems provider that manufactures its own patented dispensing equipment. Plus, as a turnkey provider, we also act as a distributor for other equipment manufacturers when our own equipment is not the best solution. Our wide portfolio of PU products and solutions enables us to serve customers in a wide array of diverse markets and industries. We're proud of the fact that we're able to help all types of manufacturers, both large and small, develop and produce better products that are also better for the environment.







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
- Flexible Molded Products
- Foodservice Equipment
- Garage & Entry Doors
- Geotechnical
- HVAC
- Insulated Piping
- Manufactured Housing
- Packaging
- Refrigerated Transport
- Rotational Molding
- Spray Foam
- Structurally Insulated Panels (SIPS)
- Taxidermy
- Trench Foams
- XPS



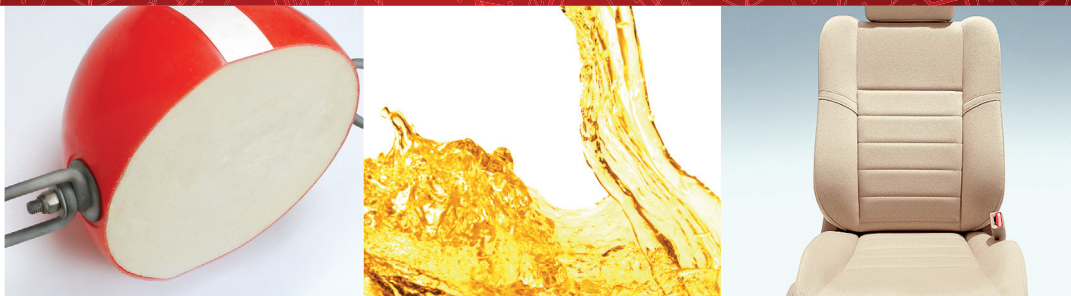
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# Custom Polyurethane Products

Whether your goal is to improve product quality, increase production efficiency, reduce environmental impact, lower costs, reduce scrap – or any combination of these and more – FSI is ready to help. Our expert chemists and technicians work as a team with you to solve your toughest challenges. From rigid, spray, flexible and integral skin polyurethane foams, to adhesives, polyol blends and more, FSI has the customized solution to meet your individual needs.







## **RIGID FOAMS**

We manufacture various rigid foam systems, from superior insulating systems like Ecofoam® and Spritzer™, to product families designed specifically for structural integrity like our Genesis™ 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. Ecospray® has uncompromised shelf life and processing characteristics similar to past HCFC-141b systems.

## **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 – as well as turnkey packaging solutions with dispensing equipment – 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.

## **REPACKAGING & TOLL BLENDING SERVICES**

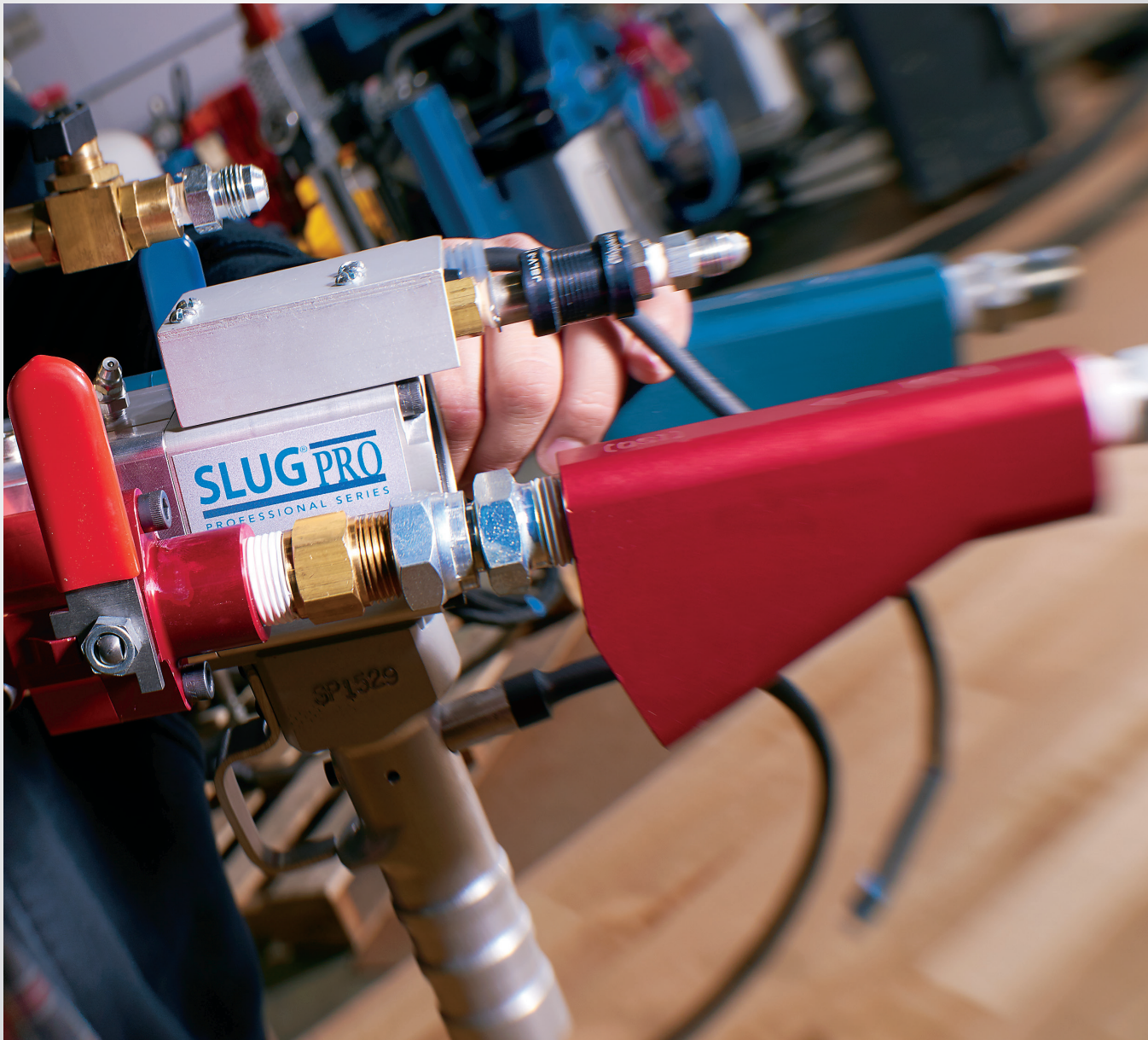
With our state-of-the-art facilities and large production capacity, we can provide complete repackaging and toll blending services. We offer a wide range of options in container sizes, packaging and labeling, as well as global logistics support.

## **HAND-MIX KITS**

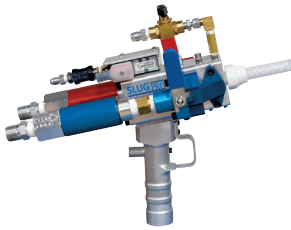
We provide convenient, easy-to-use, two-part expanding foam kits specially created for marine and taxidermy applications. Visit [www.fsifoamkits.com](http://www.fsifoamkits.com) for details.

# Polyurethane Equipment

When it comes to manufacturing with polyurethanes, having the right equipment is just as important as having the right chemical systems. Whether you need a single dispensing unit, multiple pieces of equipment or a complete production system, FSI can provide exactly what you need – either with the proven products we design, build and service, or through our relationships with other industry leaders – to ensure that your chemicals and equipment work perfectly together.







### **SLUG® PRO**

Our new SLUG Pro offers a vast improvement on the already proven SLUG dispensing gun. It is lighter and even easier to maintain. Many mix head improvements have been made, including mix cartridge life expectancy and a replacement time of less than five minutes. No block reconditioning is needed. Line heating is also improved, and programmable timing remains standard. Outputs range from 6 to 80 pounds.



### **SLUG®**

Our patented Solvent-Less Urethane Gun – SLUG – gives you a reliable, cost-effective way to mix and dispense “pour and froth” urethane foams for almost any application. The SLUG is easy to use and easy to maintain – even for the most “technically challenged.” It’s also durable, since it’s made from 2024 T6 aircraft aluminum. The SLUG comes in various output volumes, with heating and timing controls standard. Eliminating solvents offers improved safety and removes regulatory and environmental challenges associated with solvent flushing and disposal.



### **SPRITZER™**

The Spritzer dispensing unit is perfect for a wide variety of applications that use froth-based foams. It is simple to use – just squeeze the trigger slowly for targeted control, or depress it completely to spray up to approximately 6 pounds per minute. It includes standard 40-foot hose lengths, with a 1-, 5- or 10-foot disposable whip. Custom hose lengths and a heat control are also available.



### **FLUSH**

The FLUSH dispensing unit is the oldest pressurized, “pour-in-place” dispensing unit on the market today. Designed to offer a reliable, cost-effective option for dispensing rigid polyurethane foam, the FLUSH unit is manufactured of 2024 T6 aircraft aluminum and other high-quality materials. It’s easy to maintain, offers various outputs, and can be used with both pour- and froth-based systems.

### **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. You can view Graco products on their website at [www.graco.com](http://www.graco.com).

# 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 & 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.

# The Ecomate® Advantage

Ecomate® is an environmentally friendly blowing agent with NO global warming potential (GWP), NO ozone depletion potential (ODP) and no volatile organic compounds (VOCs), so it does not contribute to smog production. This patented and trademarked technology was first approved by the US EPA in 2003 to replace HCFCs and HFCs in all foam blowing end uses under the Significant New Alternatives Policy (SNAP) program. Ecomate® is used in a number of our foam system families, including Ecofoam®, Ecoflex™, Ecospray®, Ecostar® and Ecomarine™.







## THE ENVIRONMENTALLY FRIENDLY BLOWING AGENT

Because Ecomate® is an affordable, effective and environmentally sound choice to replace HFCs, HCFCs 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
- Thermally efficient
- Proven track record
- Cost effective
- Safe and easy to use
- Worldwide supply capabilities
- EPA SNAP approved for all foam blowing end uses

**Better products. Better for the environment.**  
**Visit [ecomatetechnology.com](http://ecomatetechnology.com) to learn more.**



# 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.



## HISTORY OF FOAM SUPPLIES, INC.

FSI is founded in St. Louis, Missouri, by David and Karen Keske.

FSI opens a second production facility in Dallas, Texas.

FSI engineers the industry's first computer-controlled in-line blender for manufacturing chemical systems.

FSI receives a patent for the first non-CFC, HCFC-22 blown chemical systems to replace Freon 11 and 12.

FSI begins search for next generation blowing agent, which ultimately leads to the development of Ecomate®.

Original Ecomate® worldwide patent application granted.

Ecomate® is EPA SNAP listed and granted VOC-Exempt Status.

1972

1978

1986

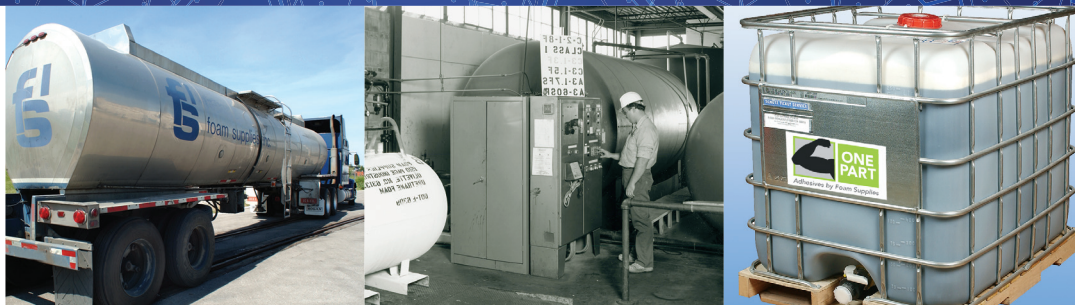
1992

1998

2002

2003





## 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.

From 1972 until today, FSI has continued to grow and innovate (you can see some of our industry-leading achievements in the timeline below). 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 in more than 45 years! And we feel that validates the commitment to customer service that David Keske instilled in our company, and one we still abide by today.

## OUR VALUES AND BELIEFS

At FSI, we have some simple beliefs about life and business. We believe in “doing the right thing” in all our actions. We believe in treating people with respect, whether they work for us or we work for them. We believe in delivering the highest possible levels of quality and service to all of our customers, from the largest to the smallest. We believe in earning a fair profit, while also allowing our customers and vendors to do the same. And by keeping our profits reasonable, we also help keep our customers’ and vendors’ businesses strong – which is one of the most important things we can do to assure everyone’s continued success.

Partnerships formed in Australia, Brazil, UK, China, India, South Africa and South Korea.

FSI forms FSI India. Partnership formed in Mexico.

Partnerships formed in Turkey, Philippines and Malaysia.

FSI forms FSI Asia Pacific, headquartered in Hong Kong.

FSI forms FSI Shanghai.

FSI forms FSI SRL, headquartered in Italy.

FSI celebrates 45 years in business.

FSI introduces SLUG Pro advanced dispensing unit.

2005

2011

2012

2013

2014

2015

2017

2018

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