

RELEASE AGENTS | MOLD SEALERS | MOLD CLEANERS | HEAD FLUSH SOLVENTS



Innovative Process Solutions for Shoe Sole Manufacturers

Chem-Trend® Pura® Release Agents

Where Innovation Meets Application

Shoe Soles



BUILDING A REPUTATION

For fifty years, Chem-Trend's reputation has been built on a foundation of providing value and service. Chem-Trend has a singular focus of developing and manufacturing innovative release products for use in the polyurethane, die casting, thermoplastic, tire, composite, general rubber and rotational molding industries. We become directly involved in our customers' processes and apply our development expertise to provide our customers with tailored solutions to their unique problems that improve their overall productivity and quality. At the core of our business are industry-standard mold release agents, die lubricants, tire paints and purging compounds engineered to maximize productivity while delivering high-quality finished parts.

Working with Chem-Trend's Polyurethane team goes far beyond just obtaining product. We are committed to bringing you premier Chem-Trend® Pura® mold release agents and ancillary products such as mold cleaners, mold sealers and other mold maintenance products to the world's polyurethane industry. Our manufacturing facilities, sales and service offices cover the world, with a global distribution network offering our products and services to meet the needs of the polyurethane industry.

Chem-Trend's polyurethane technical center, located in Howell, Michigan, with additional product development laboratories in Europe and technical service laboratories in South America, is an excellent example of our commitment to providing our customers with greater value. Chem-Trend's test facilities house pilot equipment that allows us to simulate a production environment for product development and quality testing before products reach the customer. This is an investment we've made so that our customers know when they choose Chem-Trend® Pura® they have a product that has truly been around the world and is ready to go to work for them.

Chem-Trend ensures customer satisfaction by focusing on productivity and performance of our products in support of our customers' manufacturing processes. It's an approach that has provided our customers with the best service and support available in the industry today.

Putting it all together—that's quality.

That's the value of Chem-Trend.

CHEM-TREND RELEASE AGENTS for Shoe Soles

Demolding any part can be defined as a point of critical performance in any polyurethane manufacturing process. Our Chem-Trend® Pura® brand of mold release agents have provided a competitive advantage to the largest and smallest manufacturers alike with water- and solvent-based release agent solutions that can maximize productivity while meeting the most demanding of specifications and operating conditions. Chem-Trend release agents for shoe sole manufacturers provide:

- Excellent part release with polyester or polyether systems for direct attach and dual density manufacturing
- Optimal gloss level and surface finish quality based on customer specifications
- Water or solvent based products
- Tin free formulations
- Compatibility with secondary operations such as gluing and painting
- Lower scrap rates
- Cleaner molds
- Less downtime
- Higher quality parts
- Low VOC emissions
- Cleaner, safer environments

When customers purchase Chem-Trend® Pura® release agents, they also gain access to a worldwide support network of industry professionals committed to providing the right product for their application. We make our global expertise available locally to our customers through our sales, technical and support professionals. Our production facilities use leading development, testing and production equipment and processes to assure consistent batch-to-batch products. Do you have a unique application that requires something more? Chem-Trend can custom formulate solutions to meet your unique needs.

Chem-Trend® Pura® Ancillary Products

Maintaining your molds with confidence



Mold Cleaners | Mold Sealers | Preparation Pastes | Head Flush Solvents

ANCILLARY POLYURETHANE PRODUCTS

Innovation doesn't end with our release agent technology. A comprehensive product line of ancillary products works in unison with our release agents to help maximize productivity, quality and profitability. Chem-Trend's ancillary products have decades of proven performance in some of the world's largest polyurethane molding operations. Chem-Trend's system approach to product development has allowed us to co-develop a series of complimentary mold cleaners, sealers, preparation pastes and head flushing solvents that maximize overall release performance. With our industry leading release agents, a dedicated team of professionals is available to work with customers to determine just the right cleaner and sealer or preparation paste product for your application. Chem-Trend's mold cleaners, sealers and head flush solvents can make the difference between making it and making it profitably.



ANCILLARY POLYURETHANE PRODUCTS

Chem-Trend offers a complete line of mold cleaners, mold sealers/preparation pastes and head flush solvents designed to meet the needs of virtually any applicable polyurethane manufacturing process.

PRODUCT CATEGORY

Mold Cleaners

PRODUCT BENEFITS

Chem-Trend offers a complete line of mold cleaners designed to address the needs of virtually any type of polyurethane manufacturing process. Chem-Trend® Pura® mold cleaners are formulated to powerfully but safely attack resinous mold build-up. These highly engineered cleaners are designed to remove waxes, silicones, contaminants, polyurethane and polyurethane residues from both pre-production mold preparation and in-line molding applications. An additional benefit to customers is that Chem-Trend® Pura® cleaners are more effective penetrating build-up faster at diluted concentrations than competitive cleaners containing 100% strength stripping agents.

Mold Sealers/ Preparation Pastes

Chem-Trend® Pura® sealers provide a durable barrier to prevent mechanical and chemical bonding during molding operations. These products are an excellent solution in preparing new tooling and provide an effective base for enhancing release for difficult to release mold surfaces. Chem-Trend mold sealers and pastes have been formulated to work most efficiently in a system approach in combination with Chem-Trend release agents in pre-production or in-line production touch-up applications.

Low Pressure Mixing Head Flush Solvents

Chem-Trend head flush solvents can be used to effectively clean out the mixing head chamber in certain low pressure processing applications. Our head flush solvents are the most powerful, easy-to-handle resin removers available for polyurethane systems. Long cleaning down times between successive shots can be eliminated with these highly efficient, fast drying solvents. In addition, Chem-Trend's head flush solvents can help minimize scrap between color changes.

For more information on specific Chem-Trend ancillary products, visit www.chemtrend.com or contact your nearest Chem-Trend sales office or distributor.



A world of support

Chem-Trend brings global expertise to each customer:

- Leading-edge polyurethane development laboratories
- Manufacturing facilities on four continents
- Sales and service offices in 17 countries
- Distribution network across more than 50 countries
- Around-the-clock product support available

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