

Chemlease® | Zyxax®

Tailored solutions for **COMPOSITES** moulding challenges



Mould release agents Mould cleaners
Mould sealers Mould primers

 **Chem
Trend**

Release Innovation™

COMPOSITES



Each year, we spend thousands of hours on the plant floors of composites processors, giving our technical experts insight into the industry's toughest production challenges. In our world-class laboratories dedicated to the composites industry, we apply this insight to developing solutions that improve your operating efficiency.

Our solutions will enhance your bottom line by:

Improving quality ▪ Reducing costs
Boosting productivity

INNOVATIVE SOLUTIONS



Chemlease® and Zyxav®, Chem-Trend brands, offer a complete range of mould release systems developed to improve composites moulding processes. By offering both Chemlease® and Zyxav® brands, Chem-Trend is uniquely positioned to fully support the wide range of composites applications, including aerospace, automotive, construction and industrial, marine, recreational goods, wind energy and more.

Our Chemlease® and Zyxav® product lines include:

- **Release agents** Quality, cost and efficiency depend on successful removal of the composite piece from the mould.

Chemlease® and Zyxav® semi-permanent water-based and solvent-based release agents offer excellent release of large, expensive and intricate composite parts such as wind blades, boat hulls and aircraft parts. Amongst our industry leading release technology we offer a product group that allows the user to choose from multiple levels of release and slip, even on the same mould.

- **Cleaners** Water-based and solvent-based Chemlease® and Zyxav® mould cleaners thoroughly and safely aid the removal of mould buildup, including wax, silicone, contaminants and resin, from pre-production and in-line mould applications.

- **Sealers and primers** Chemlease® and Zyxav® mould sealers and primers work in unison with our release agents to protect your mould, offering enhanced surface finish and extended release film life. Chemlease® and Zyxav® primers are available for gloss and matte surface finishes.

CONVENTIONAL TECHNOLOGY

When you need high slip, turn to our conventional Chemlease® technology. These products are designed to release the most difficult resins and part geometries. Our conventional products are suitable for high-gloss or non-cosmetic applications in solvent-based and water-based options.



Our superior products are rooted in our manufacturing and technical expertise, understanding of composites moulding operations, deep industry insight and specialised laboratory resources.

INDUSTRY KNOWLEDGE FOR MAXIMUM EFFECTIVENESS

Composites moulding is demanding, and a mistake made in the de-moulding process can be costly. As your partner, we understand these challenges and the varying requirements for surface finish and post-moulding operations. With our understanding of the industry's complexities and trends, we can offer the most effective solutions for your needs.

The development of new chemical technologies in our own laboratories further extends our ability to formulate solutions that are most effective for the challenges of composites moulding. During product development, we simulate your production environment, enabling us to evaluate and ensure optimal quality and performance.

A REPUTATION FOR SUCCESS

For more than 50 years, Chem-Trend has been a global leader in the development of solutions for moulding and casting process challenges. We have a singular focus on developing chemical specialties for processing. Because we are so focused, we can deliver exceptional value, performance and dependability in all we do.

MANUFACTURING EXCELLENCE

We are committed to excellence in all aspects of manufacturing. We are leaders in quality manufacturing practices, environmental standards and health and safety management systems. Our facilities hold the following certifications:

- ISO-9001
- ISO-14001
- OHSAS-18001

GLOBAL LOCATIONS FOR LOCAL SERVICE

As a global supplier singularly focused on mould processing solutions, we operate from offices, manufacturing facilities and distribution partners in all industrialised regions of the world, providing local sales and technical support wherever you need us.





Let our experienced, knowledgeable
and insightful team of experts deliver
value-adding solutions to help you improve quality,
reduce costs and boost productivity.

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