

Crafting chemistry, perfecting coatings

Solutions for sustainable
resins and coatings



Perstorp

A Subsidiary of PETRONAS Chemicals Group

Enabling excellence in every layer

At Perstorp, we recognize the evolving challenges facing the resins and coatings industry. By leveraging our globally integrated resources and seven decades of experience in the coatings industry, we are committed to empowering your business with innovative and sustainable solutions.

We believe in the power of expertise, technology, and collaboration to drive positive change for our customers, the environment, and the industry at large. As a trusted partner with a proven

track record, our comprehensive portfolio, reliable supply chain, and tailored service offerings ensure that you stay ahead of the competition.

Whether you seek sustainable building blocks, advanced specialty products, or dedicated technical support, our team is ready to tackle your toughest challenges with a focus on innovation and future-proof solutions.

Taking on global industry challenges

1

Responding to increasing environmental needs

Stay ahead of regulations and customer demands with more sustainable, compliant technologies.

4

Delivering tailored solutions

Meet the need for customization with advanced technical support, innovation expertise, and testing capabilities.

2

Balancing sustainability and performance

Go beyond the sustainability-standards, without trade-offs in coating performance.

5

Expanding in emerging markets

Navigate growth in developing regions with localized insights and adaptable solutions.

3

Transitioning to renewable/ recycled based coatings

Simplify the shift to renewable and recycled raw materials with solutions that ensure consistency and efficiency.



Your partner in precision chemistry

In today's fast-evolving resins and coatings market, success depends on strong partnerships. At Perstorp, we are committed to helping you seize opportunities and tackle challenges head-on. Whatever your specific needs, we're here to support you in creating formulations that meet precise performance properties.

Together we cover all the angles

From reducing environmental impact to optimizing formulations, partnering with Perstorp means gaining access to expertise and a range of tailored services.



Innovation & development

- Tap into our expertise and global network.
- Utilize tools like PerCalc for digital formulation.



Insights & applications

- Leverage technical sales support.
- Stay ahead with market sentiment insights.



Logistics & secure supply

- Simplify with digital order management.
- Rely on vendor-managed inventory and consignment stock.



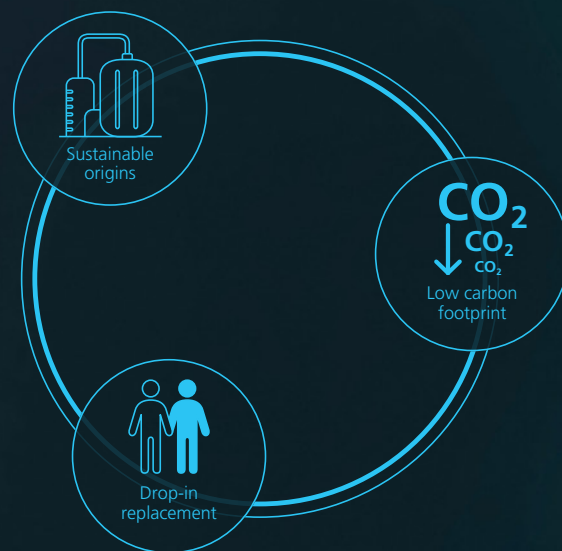
Enabling sustainable solutions everywhere

The key to business success is increasingly dependent on sustainable technologies and the choice of raw materials. As a leader in sustainable solutions, we can help you transition from virgin fossil raw materials to formulations with a lower carbon footprint, giving you a competitive edge in the market.

Go renewable-based

Perstorp can help you fulfill your greenhouse gas emission reduction targets by offering a wide range of ISCC PLUS certified products with a reduced product carbon footprint. We call them Pro-Environment Solutions.

Pro-Environment Solutions are designed to reduce the carbon footprint throughout the value chain and support sustainable sourcing of renewable and recycled raw materials. Because they are drop-in replacements, they offer an opportunity to reduce Scope 3 emissions without any costly and time-consuming reformulation efforts.



Access future solutions

Use our knowledge and service to smoothly transition to safe, water-borne, low VOC, and low CO₂ solutions. By securing future renewable/recycled raw materials and focusing 80% of our R&D on finding new sustainable solutions, we will keep you one step ahead.



Adding value to your segment and applications

Perstorp's essential building blocks and specialty products can be used and tailored to produce resins and coatings that satisfy the requirements of different segment needs and thousands of applications.

Alkyds

Facilitating sustainable innovation & development

Waterborne alkyd solutions that provide you with the best sustainable option compared to solvent-borne and other waterborne alternatives. At Perstorp, we can help you transition smoothly to waterborne technologies, ensuring better coating performance, compliance with VOC legislation, and a lower carbon footprint.

Advantages include:

- Smooth transition to waterborne solutions.
- Versatile offering of emulsifiers for a broad range of alkyd resins.
- Access innovation partnership with Perstorp's team of experts.

Products: Penta, Di-Penta and Vostar™, Neptem™, Phthalic anhydride, Bis-MPA™, Polyol PX, TMP and Evyron™

Polyurethane dispersions (PUD)

Chose your performance properties

Our portfolio of dispersing monomers and polyols for PUDs gives you the freedom and flexibility to choose the precise performance properties you need to differentiate your PUD resin formulas.

Advantages include:

- A uniquely broad portfolio with products for superior PUD performance and a wide range of formulation flexibility.
- Insight, market knowledge, and the technical know-how to make a real difference in new development projects.
- 100% solvent free PUD solutions using Ymer™, which is a ready-to-use product for higher productivity, lower processing costs, and unique technical properties.

Products: Bis-MPA™, DMPA®, Ymer™, Alkoxylates, TMP and Evyron™



Powder polyester

Cost efficient solutions and a reliable partner

In a mature market you need a reliable innovation partner who can help you develop and differentiate your product range, reduce your total cost, commit to a flexible supply chain and give you a sustainable edge. We can provide all those advantages.

Advantages include:

- Dedicated innovation partner with a network, insights, and expertise.
- Differentiate from competitors with our renewable Neo and TMP: Neeture™ and Eviron™.
- Flexible and efficient supply chain meeting your local needs.

Products: Neo and Neeture™, TMP and Eviron™



Liquid unsaturated polyester

Tough performance & cost efficiency

The freedom to develop a new generation of composites and robust gel coat performance properties for high gloss wood and tough outdoor applications. Additionally, benefit from our support to reduce your development costs, accelerate time to market, and lower your carbon footprint.

Advantages include:

- Unique allyl ethers that significantly improve function & performance – hardness, surface drying, yellowing, scratch and chemical resistance.
- Differentiate your offer and reduce your carbon footprint with the renewable Neeture™ and Eviron™.
- Reduced development cost and faster speed to market.

Products: Allyl ethers, Phthalic anhydride, Neo and Neeture™, TMP and Eviron™



Liquid saturated polyester

The freedom to innovate & perform

Our technology platform that gives you the freedom to innovate new high-performance liquid saturated polyesters with a significantly lower environmental impact, utilizing our unique building blocks and technical support.

Advantages include:

- Reduced development cost and faster speed to market.
- Reduce your carbon footprint and differentiate your product using Neeture™ and Eviron™ our renewable Neo and TMP.
- Access to new sustainable technology with science, products and support.

Products: Neo and Neeture™, TMP and Eviron™, Bis-MPA™ and Pentaspiroglycol



Intumescent carbon donors

Win more time for people & structures

Our Charmor™ range of intumescent carbon donors, provides superior charring performance for waterborne and solvent-borne coatings. Charmor's use in intumescent coatings provides the vital extra time needed to save people and buildings.

Advantages include:

- Superior, reliable charring and excellent insulation provides longer protection time for people and building structures.
- Secure supply with the largest global production capacity and customized global supply service.
- Light-weight and thinner coating solutions for aesthetics as well as reducing application costs.
- Charmor™ Pro is made from renewable material & energy to reduce carbon footprint and differentiate your offer.

Products: Charmor™ and Charmor™ Pro grades



Radiation curing

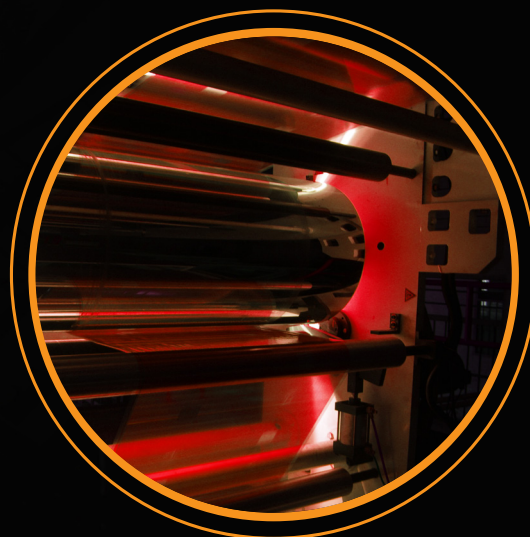
Innovative high-performance solutions

Safe products with superior performance properties are the hallmark of our RadCure offerings. With our product portfolio and support, we give customers the freedom to design and develop the best UV curable monomers and oligomers.

Advantages include:

- Dedicated innovation partner with a network, insight, and expertise.
- Broad portfolio of specialty polyols to be used as building blocks for oligomers and reactive diluents.
- Unique products that deliver outstanding performance – low viscosity and high reactivity.
- Reduce your carbon footprint and differentiate from competitors with renewable Voxtar™, Evyron™, and Neeture™.

Products: Alkoxylates, Boltorn™, CTF, Penta, Di-Penta and Voxtar™, TMP, Di-TMP and Evyron™



Cationic curing

Faster curing with impressive printing on any surface

As a global leader in core components for high-quality cationic UV curing formulations, we can help you to achieve faster curing with impressive printing on any surface. Components include Curalite™, as a reactive diluent, and specialty polyols, such as Boltorn™, used to fine tune final properties.

Advantages include:

- Dedicated innovation partner with network, insight, and expertise.
- Products offering high reactivity with excellent diluting power making processing faster, boosting productivity, and reducing costs.
- Development of high-performance formulations with very low migration and shrinkage, providing excellent printing adhesion even on difficult surfaces.
- Energy efficiency, renewability, low/no VOC, and a constant development of further sustainable solutions.
- Reduce your carbon footprint and differentiate from competitors with renewable Curalite™ Pro.

Products: Alkoxylates, Boltorn™, Curalite™Ox, Curalite™OxPlus™ and Curalite™ Pro



One molecule can change everything

Perstorp believes in improving everyday life – making it safer, more convenient and more environmentally sound for billions of people all over the world. As a world-leading specialty chemicals company, our innovations provide essential properties for products used every day and everywhere. You'll find us all the way from your car and mobile phone to towering wind turbines and the local dairy farm. Simply put, we work to make good products even better, with a clear sustainability agenda.

Founded in Sweden in 1881, Perstorp's focused innovation builds on more than 140 years of experience, representing a complete chain of solutions in organic chemistry, process technology and application development. Perstorp has approximately 1,500 employees and manufacturing units in Asia, Europe and North America. Perstorp is a wholly owned subsidiary of PETRONAS Chemicals Group Berhad (PCG), Malaysia's leading integrated chemicals provider and part of PETRONAS Group.

Learn more at www.perstorp.com