

Evonik: What we make.
And what we don't.



SO WHAT DOES EVONIK MAKE?

Evonik is one of the world's leading specialty chemicals companies. "Specialty chemicals" sounds like complicated products with complicated names – and they are. But did you know you use specialty chemicals every day? Not only that – you love using them. Because specialty chemicals make your life more convenient, more practical and safer. Specialty chemicals put the stickiness in glue, the washing power in laundry detergent and the lightness in lightweight components.

In a nutshell: Our chemical ingredients give products their properties. And they often turn a standard product into something special. Something that stands head and shoulders above the masses of goods on the market, setting a new benchmark: Paint that doesn't drip, tires that lower fuel consumption and deodorants that don't stain your favorite blouse. There's no sphere of life where you won't find Evonik specialty chemicals, because we operate close to markets and close to customers.

Our Nutrition & Care segment manufactures products primarily for use in consumer goods for daily needs, animal nutrition and healthcare.

Our Resource Efficiency segment supplies high-performance materials for environmentally friendly and energy-efficient systems used in the automotive sector, construction and adhesives.

The Performance Materials segment focuses on manufacturing polymer materials and intermediates, mainly for rubber, plastics and agriculture. You can find them in car tires, solar panels and your garden hose.

Apart from these segments, Evonik's workforce is organized into Industry Teams. Each Industry Team pools the skills from all three segments according to thematic areas. We have Industry Teams for Automotive, Coatings, Construction and Pharma, and also for Agriculture, Composites and Food.

Our customers in each industry value this structure because it enables them – through just one dedicated contact person – to tap into the entire company's expertise. Industry Teams and customers work together as development partners to create new product properties, new areas of application and new production processes. And we're not satisfied until this collaboration has yielded a viable overall solution.

In this brochure, we'll show you the many ways specialty chemicals from Evonik are used to make products better. Join us on this little tour through our portfolio, and take a deeper look into the work of a leading specialty chemicals company – and into the products that touch your life every day.

Here's wishing you interesting insights.

AT EVONIK,
WE DON'T MAKE CARS.

AT EVONIK,
WE MAKE CARS ...



PULL
HERE

AT EVONIK,
WE DON'T MAKE CARS.

AT EVONIK,
WE MAKE CARS ...



... MORE FUEL-EFFICIENT.

One good turn: "Green tires" with Evonik's innovative silica-silane system lower rolling resistance, which helps cut fuel consumption by up to 8% – without impacting grip, especially on wet roads. That reduces CO₂ emissions and increases safety.

... MORE SCRATCH-RESISTANT.

Managers aren't the only ones who need to be flexible – automotive paints do, too. With its new technology, Evonik can produce silane-modified binders that make car paint more resilient. The enhanced crosslinking of the silanes paves the way for car paints that are both more flexible and more durable. The result: better resistance to scratches.

... LIGHTER.

Hard as steel, light as foam: From structural foams to adhesive systems, Evonik offers all the technologies for high-performance composites from one source. So more and more metal car parts can be replaced with lightweight components. That makes a difference on the scale and at the pump.

**AT EVONIK,
WE DON'T MAKE MEDICINE.**

**AT EVONIK,
WE MAKE MEDICINE ...**



PULL
HERE

AT EVONIK,
WE DON'T MAKE MEDICINE.

AT EVONIK,
WE MAKE MEDICINE ...



... MORE EFFECTIVE.

The less the better – and a little is the best of all: Medicines with highly potent active pharmaceutical ingredients are primarily used to treat cancer, specifically targeting tumor cells. They are so potent that the tiniest dose is plenty. Evonik is the contract manufacturer with the world's highest capacities for the manufacture of High Potency Active Pharmaceutical Ingredients.

... MORE ON-TARGET.

An overcoat for tablets: Our pharmaceutical EUDRAGIT® polymers coat drugs and dissolve according to specified parameters. That lets us predetermine when and where a drug is released into the gastrointestinal system, so it delivers results precisely on the mark.

... CHEAPER.

Today's tablet presses can produce up to 1.6 million pills – per hour! Our AEROSIL® flow aid ensures that, even at this breathtaking speed, the agent is distributed evenly throughout the tablet "batter," which enables faster, more economical production.

... LONGER-LASTING.

Syringe unemployment is on the rise! That's because Evonik takes APIs that previously had to be injected and wraps them in lactic acid-based copolymers. The "packaging" dissolves in a controlled manner in the body, releasing the right amount of medicine over a period of days, weeks or months. For patients with chronic illnesses, that means fewer injections.

PULL
HERE

AT EVONIK,
WE DON'T MAKE HOUSES.

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PULL
HERE

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... WATER-REPELLENT.

Like an invisible umbrella: Our waterproofing agents are added to liquid concrete to provide homogenous, deep-down protection against water. That keeps the foundation your home is built on solid for a long time to come.

... THRIFTIER.

Modern windows are made of glass and gas. What keeps the insulating gas layer between the glass panes right where it should be for decades? Sealants made by Evonik. They're good for the planet and your wallet.

... MORE SUSTAINABLE.

A sweater for your house: Buildings account for 40% of the world's energy consumption, so good insulation is crucial. Our CALOSTAT® insulation panels made of silicon dioxide allow steam to diffuse through them, don't burn and insulate extremely well. They keep out the cold – and the heat, too.

... MORE COLORFUL.

White Stripes? Deep Purple? Or Simply Red? No matter what your taste, Evonik additives in interior and exterior paints for walls and facades keep dripping and spattering to a minimum. After all, the paint is supposed to decorate your walls, not you.

PULL
HERE

**AT EVONIK,
WE DON'T MAKE CREAMS.**



**AT EVONIK,
WE MAKE CREAMS ...**



PULL
HERE

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AT EVONIK,
WE MAKE CREAMS ...



... POSSIBLE.

The "it" couple of cosmetics: Oil and water, two substances that don't mix. Or so the saying goes. But ever since the 1920s, our emulsifiers have been keeping the mix of oil and water blended – the dream team for skin, hand, face and sun creams.

... NURTURING.

The fountain of youth doesn't burble forever. Many factors cause our skin to age, including moisture loss. The good news is that sphingolipids from Evonik act as a protective shield. They keep moisture in skin and harmful substances out. That's why they are an elementary ingredient in anti-aging creams.

... SKIN-TIGHTENING.

The power of nature powers good skin: Evonik uses plants to produce natural ingredients for skin care. Such as our sandalwood-seed extract that stimulates detoxification in skin cells and firms them, reducing cellulite.

... MORE EFFECTIVE.

Our "ingredient taxi" ROVISOME® delivers cosmetic ingredients right into the epidermis, where their effects are optimally activated. It's the safe, reliable way to transport vitamin C, the coenzyme Q10 or even a combination of agents – for innovative skincare products with targeted effects.

**AT EVONIK,
WE DON'T MAKE FOOD.**



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PULL
HERE

AT EVONIK,
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AT EVONIK,
WE MAKE FOOD ...



... GERM-FREE.

Ruin germs' appetite: Developed for the food industry, Evonik's high-purity hydrogen peroxide OXTERIL® makes packaging for perishable juice and milk products germ-free before being filled. So yogurt and other treats stay fresh and healthy longer.

... MORE ECO-FRIENDLY.

Chickens, pigs and fish love them, and so does the rest of the planet: Our amino acids for animal nutrition enable livestock to extract more nutritional value from what they eat. That helps reduce CO₂ emissions, overfertilization and the impact on waterways.

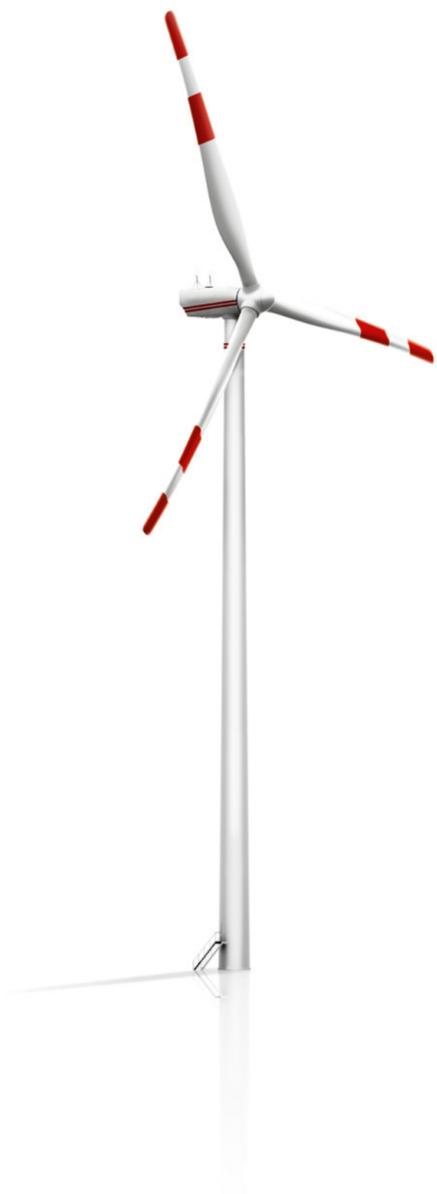
... HEALTHIER.

A sweet deal: our isomalt. Evonik produces this low-calorie sugar substitute for the Asian market. Isomalt helps counter obesity, goes easy on the teeth and is even suitable for diabetics. That's how we're serving up guilt-free indulgence.

... EASY TO MEASURE.

Drier than British humor: Our flow enhancers SIPERNAT® and AEROSIL® make sure that foodstuffs in powder form don't clump. So spices, powdered vegetables and cooking salt can be measured accurately and used up completely, right down to the last pinch.

AT EVONIK,
WE DON'T MAKE WIND TURBINES.



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PULL
HERE

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... MORE STABLE.

Wind is strong, but rotor blades are stronger: A wind turbine's blades contain a skeleton made of rigid foam. Our polymer additives make this rigid foam extra stable, so the rotor blades can stand up to wind and weather.

... LOW-MAINTENANCE.

Oil change, please! No problem with a car, but if you have to climb 150 meters first, it's a job you'd rather avoid. That's why wind farm operators are interested in gear oil with an especially long life. And they find it at Evonik.

... CORROSION-RESISTANT.

Lightweight shoes are great if you want to run like the wind. But each "foot" of a 200-meter wind turbine needs to stay put – in a shoe made of some 1,500 cubic meters of reinforced concrete. Evonik's anti-rust agents give the 180 tons of steel in the foundation a long, reliable service life.

... MORE DURABLE.

Sun, sand and salt water: Sounds like a dream vacation, but they're a wind farm's worst nightmare. Evonik provides all-around protection: Our paint additives guard against material fatigue caused by rust or UV rays, so they extend the systems' life span.



Nothing is so perfect that
you can't improve it.

This brochure illustrates just a small cross-section of our portfolio, which
comprises over 4,000 products altogether. Want to see what else Evonik's
specialty chemicals make better?

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www.better-with-evonik.com



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