

FREUDENBERG IN CHINA

FREUDENBERG GROUP





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THE FREUDENBERG GROUP

Freudenberg is a global technology group that strengthens its customers and society long-term through forward-looking innovations.

Together with its partners, customers and research institutions, the ten Freudenberg Business Groups develop leading-edge technologies, and excellent products and services for more than 40 markets and thousands of applications: seals, vibration control components, technical textiles, filters, speciality chemicals, medical products, and the most modern cleaning products.

Across the globe, the Freudenberg Group's products and services make a valuable contribution to customers' success – often invisible, but always essential and in keeping with the company's positioning "Freudenberg is a values-based technology group that best serves its customers and society".

Without Freudenberg, indoor air would not be as clean, cars would not drive, suits would not sit properly and wounds would not heal as quickly. Freudenberg offers customers excellent high-technology and innovative products, and services in the passenger vehicle and commercial vehicle industries, mechanical and plant engineering, textile and apparel, construction, mining and heavy industry, energy, chemical, and the oil and gas sectors. Customers also include companies in the medical technology, civil aviation, and rail vehicle sectors.

Innovation, strong customer focus, close cooperation, diversity, and team spirit are the cornerstones of the Group. Commitment to excellence, reliability and proactive, responsible action have been part of the company's core values throughout its 170-year history.

TECHNOLOGY AND DEVELOPMENT PARTNER

MOBILITY AND TRANSPORT

Whether by road, water, rail or air: Freudenberg technology helps motors and other parts work reliably. We use sealing, vibration control or filtration technology, technical textiles, durable bearings, speciality chemicals or surface treatment and galvanization technology to make mobility and transport around the world safer, more efficient and more comfortable.

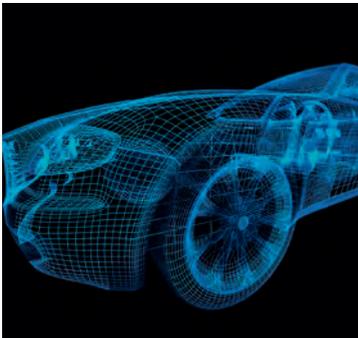
INDUSTRY AND PRODUCTION

The competitiveness of industrial companies depends on the smoothest and most efficient production possible.

Reliable and tailored Freudenberg components help ensure long-term productivity and quality – whether for seals, filters, release agents, speciality lubricants or technical textiles. Our products are found in almost all industries, production processes and systems.

ENERGY AND RESOURCES

Fossil fuel exploration and transport is extremely challenging. Responsible handling of renewable energy demands innovative applications. Freudenberg contributes to improved functional reliability, operating lives and the best possible environmental protection throughout the energy industry.



IN MANY INDUSTRIES

Our product range includes gas-lubricated mechanical seals in pipelines, complete filtration systems for power plants and miniature silicone plugs for the electronics industry.

HEALTHCARE AND FOOD PROCESSING INDUSTRY

Strict hygiene standards must be met for healthcare products and food processing. The high material competency and process reliability make Freudenberg a sought-after partner for customers in the medical technology and pharmaceutical industries. Our medical innovations simplify surgery and improve wound treatment. In the food industry, we help process

confectioneries along with other food types. Efficient drinking water treatment often uses Freudenberg technology.

HOUSEHOLD AND TEXTILES

Even everyday products use sophisticated technology. Freudenberg's innovation strength can be found in microfiber cloths or electric window vacuums. Our technical textiles allow for comfortable sofas, well-fitted textiles and mite-free bedding.

They are used to manufacture shoes and leather goods, or protective clothing. The filter applications also help keep interior air clean.



ORGANIZATION

Freudenberg is a company of entrepreneurs. The operations are run by independent companies with independent management. The individual companies are part of Business Groups.

Freudenberg has two parent companies: Freudenberg & Co. Kommanditgesellschaft (Freudenberg & Co. KG), Weinheim, Germany, is the strategic parent company; Freudenberg SE, Weinheim, Germany, is the parent company responsible for managing business operations.

The Freudenberg & Co. KG corporate bodies are the Management Board,

the Board of Partners and the General Meeting. The corporate bodies at Freudenberg SE are the Board of Management, the Supervisory Board and the Shareholder's Meeting. The Management Board of Freudenberg & Co. KG and the Board of Management of Freudenberg SE have the same members, which is also true of the Board of Partners of Freudenberg & Co. KG and the Supervisory Board of Freudenberg SE.

Freudenberg is a family-owned company and currently in the hands of some 320 heirs to the founder Carl Johann Freudenberg.

PARENT COMPANY (STRATEGIC MANAGEMENT) FREUDENBERG & CO. KOMMANDITGESELLSCHAFT	
PARENT COMPANY (BUSINESS OPERATIONS) FREUDENBERG SE	
Business Area Seals and Vibration Control Technology	Business Groups
	Freudenberg Sealing Technologies ¹
	Freudenberg Oil & Gas Technologies
	EagleBurgmann
	Freudenberg Medical
Vibracoustic	
Business Area Nonwovens and Filtration	Business Groups
	Freudenberg Performance Materials
	Freudenberg Filtration Technologies
	Japan Vilene Company
Business Area Household Products	Business Group
	Freudenberg Home and Cleaning Solutions
Business Area Specialties and others	Business Group
	Freudenberg Chemical Specialties ²
	Divisions
	Freudenberg Business Services
Freudenberg Service	

in China

¹ including NOK-Freudenberg (China)

² including Klüber Lubrication, Chem-Trend, SurTec, OKS, Capol



FREUDENBERG IN CHINA

As a global technology group, close cooperation with customers and partners throughout the world and here in China, lies at the heart of Freudenberg's culture. We look back on more than a century of partnerships in China, which is now our third-largest market and one that is vital to our strategy.

Continued investment in high-tech manufacturing infrastructure and local R&D facilities are integral to our long-term approach and innovation strategy in China. Freudenberg's leading-edge technologies, products and solutions deliver success to local customers, while our innovations "made in China" support the country's economic development. That is why Freudenberg is the partner of choice in many industrial sectors – not just in China but across the globe.

Today, Freudenberg has a workforce of more than 7,000 employees at over

70 locations in China. Our Business Groups operate more than 20 production sites as well as numerous sales and service offices. The Freudenberg Regional Corporate Center Asia, the Group's regional headquarters based in Shanghai, supports the operations of Freudenberg companies in the Asia-Pacific region.

Committed to social responsibility, the Freudenberg Group also prides itself on being a good neighbor and a good citizen in China. Freudenberg companies and employees across China actively engage in numerous social and environmental initiatives. One of them is the Ke De Bao Primary School in Haijin village near Jiangyou, which we helped rebuild after the devastating Sichuan earthquake in 2008. To this day, our employees offer support to the school, including annual summer camps.

FREUDENBERG SEALING TECHNOLOGIES

PRODUCTS / SERVICES

Simmerrings, membranes, high-precision molded parts, bellows, dust caps, hydraulic accumulators, O-rings, hydraulic and pneumatic seals; frame, silicone and shock absorber gaskets, valve stem seals and various special seals, sealing packages for motors, transmissions, brakes and steering systems; rubber and PTFE components for vehicle suspensions

Freudenberg Sealing Technologies is a leading market and technology partner for demanding applications, including sealing technology and electro-mobility. Starting with the invention of the Simmerring®, developed by Freudenberg in 1932, the Business Group now has a broad customer-oriented product portfolio – from tailor-made individual solutions to complete sealing packages and components for electric vehicles.

Freudenberg Sealing Technologies is a supplier, development and service partner for customers across various sectors, such as the automotive industry, civil aviation, mechanical engineering, shipbuilding, and many more. In China, the Business Group is represented through several companies. NOK-Freudenberg (China) is an equal-share joint venture between NOK Corporation and Freudenberg Sealing Technologies; Changchun Integral Accumulator offers accumulator solutions for automotive and general industries; Dichtomatik China supplies industrial standard seals and, as the subsidiary for the process industry, offers premium sealing solutions for the food, beverage, pharmaceutical and chemical industry; Freudenberg Xpress® is the quick service for machined seals.



Plug & seal



NOK-FREUDENBERG (CHINA)

FREUDENBERG SEALING TECHNOLOGIES

NOK-Freudenberg (China) is an equal-share joint venture between NOK Corporation (Japan) and Freudenberg Sealing Technologies (Germany) serving the rapidly growing Chinese market with sealing solutions. The company benefits from strong co-operation with its engineering centers worldwide. Today, the NOK Corporation/Freudenberg network has factories in more than 30 countries, globally standardized manufacturing technologies, processes and quality procedures.

The product portfolio of NOK-Freudenberg (China) is as broad and multifaceted as automotive and industrial applications. Thanks to expertise in more than 30 industrial sectors, NOK-Freudenberg (China) knows which technology, dimensions, and material to use. This enables the company to deliver a performance exceeding customer requirements. There is one thing all our products and solutions have in common: the total commitment to quality. Corteco, as part of the company, is the specialist for the independent aftermarket serving the Chinese market.

PRODUCTS / SERVICES

Simmerrings, reciprocating seals, O-rings, gaskets, membranes, high-precision molded parts, silicone, plug & seal, PTFE and PEEK components, bellows, dust caps, hydraulic and pneumatic seals, various special seals; sealing packages for motors, transmissions, driveline, battery and cooling, e-powertrain, suspension; humidifier, bi-polar gaskets and other sealing components for fuel cell battery-related applications

SITES

Shanghai, Changchun, Taicang, Wuxi, Beijing, Chongqing, Hefei, Hong Kong, Guangzhou, Tianjin, Wuhan



Mechanical seal

EAGLEBURGMANN

PRODUCTS / SERVICES

Mechanical seals and seal supply systems, magnetic couplings, carbon floating ring seals, expansion joints and gaskets, packings, special products and extensive services

EagleBurgmann is a leading global manufacturer of industrial sealing technology. The Freudenberg Business Group manufactures and markets a broad range of high-quality products, from technologically advanced customer-specific solutions to large-batch products for pumps, compressors and agitators.

EagleBurgmann's products are common when safety and reliability are most important, including the oil and gas industry, petrochemical industry, refineries, chemical production, power industry, pharmaceutical industry, food and beverage, pulp and paper, water and wastewater, shipbuilding, aerospace and mining. A dense sales and service network means close customer proximity.

Since EagleBurgmann established its first joint venture in China in 1994, it has gone through more than 20 years of development. At present, the company has 4 legal entities in China, 5 sales & service centers, 3 sales networks and some 400 employees to ensure that customers are provided with attentive and efficient services.

SITES

Shanghai, Dalian, Tianjin, Nanjing, Dushanzi



Finished medical device



FREUDENBERG MEDICAL

Freudenberg Medical is a global partner for the design, development and manufacture of medical devices and components. The company's product range includes catheter solutions for minimally invasive procedures and components manufactured from complex medical materials.

The company is a leader in both high-precision molded silicone and thermoplastic components and tubes as well as metal hypotubes.

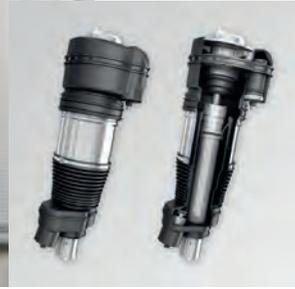
Freudenberg Medical in Shenzhen manufactures components for a wide variety of medical device market segments including minimally invasive, drug delivery, IVD, respiratory, interventional, cardiovascular, and diabetes.

PRODUCTS / SERVICES

Thermoplastic injection molding, silicone injection molding, contract manufacturing, tooling, assembly, packaging, and secondary operations

SITE

Shenzhen



Switchable three-chamber air springs

VIBRACOUSTIC

PRODUCTS / SERVICES

Motor, gearbox and chassis mounts, air springs, torsional vibration dampers, isolators and dampers, components made from MCU (Micro-Cellular Urethane)

Vibracoustic is a leading global NVH (noise, vibration, harshness) expert for the automotive industry and provides customized solutions that offer more comfort, while improving the efficiency, safety and the durability of vehicles. Thanks to its know-how along the entire product life cycle and in all vehicle segments, Vibracoustic's broad product portfolio provides solutions to current and future NVH challenges.

With a global network of production and engineering sites, the Freudenberg Business Group supplies almost all light and commercial vehicle manufacturers as well as their direct suppliers and can significantly improve driving comfort.

Vibracoustic serves its customers with a global presence and local expertise: In China, around 1,400 employees work for Vibracoustic at locations in Wuxi, Yantai, Shanghai and Chongqing. They provide high quality products, process and engineering expertise as well as R&D capabilities for global and local OEMs.

SITES

Wuxi, Yantai, Shanghai and Chongqing



Gas diffusion layer for fuel cells



FREUDENBERG PERFORMANCE MATERIALS

Freudenberg Performance Materials is a leading global manufacturer of innovative technical textiles for a wide range of markets and applications, including apparel, automotive, building materials, energy, filter media, healthcare, hygiene, building interiors, shoe and leather goods as well as specialties.

The Freudenberg Business Group is a pioneer in non-wovens and has 23 production sites in 13 countries around the world and more than 3,800 employees.

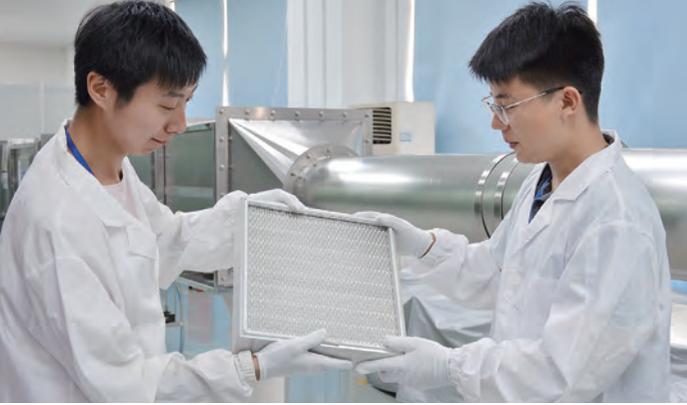
In China, Freudenberg Performance Materials employs some 770 people and serves markets in the Asia Pacific region. The company is represented through its joint ventures Freudenberg & Vilene Nonwovens (Suzhou), Freudenberg & Vilene International Ltd. (Hong Kong), and the building materials business with Freudenberg Politex Ltd. In Taiwan, Freudenberg Performance Materials is represented through Freudenberg Far Eastern Spunweb Comp. Ltd. and Freudenberg & Vilene Nonwovens Co. Ltd.

PRODUCTS / SERVICES

Interlinings for apparel, functional textiles and hobby tailoring; substrates for automotive carpets, headliners, sound-absorbing materials, components for batteries and fuel cells; substrates for bitumen membranes, tufted carpet tiles; wound and transfer applications; components for shoe and leather goods, nonwovens for electrical applications, anti-mite bedding, packaging

SITES

Hong Kong, Shanghai, Suzhou, Beijing, Dalian, Guangzhou, Hangzhou, Nantong, Suzhou, Taipei (Taiwan), Taoyuan (Taiwan), Yangmei (Taiwan)



Filters for ventilation systems

FREUDENBERG FILTRATION TECHNOLOGIES

PRODUCTS / SERVICES

Elements, system solutions and services for the filtration of intake and exhaust air in industrial processes and consumer filter applications; water and membrane filtration systems, automotive cabin air filters and engine intake air filters, filter measurement technology; training and consulting

Freudenberg Filtration Technologies is a global development, production and application specialist for air and liquid filtration. The Business Group's solutions help make its customers' industrial processes more efficient, conserve resources, protect people and the environment, and thus help improve quality of life.

Freudenberg Filtration Technologies has built a strong presence in China over the past decades and continues to grow rapidly. In China, market activities under the viledon® and micronAir® global brands are conducted together with the joint venture partner Japan Vilene Company to offer customers innovative filter elements and systems for the energy and resources, hygiene and health, automotive and transport, production and building technology sectors, and for highly-specialized applications. Thanks to the Freudenberg Apollo Filtration Technologies joint venture with its new brand Apollo, Freudenberg Filtration Technologies is an even stronger strategic partner for its customers. The company now has a broad product portfolio of innovative filtration solutions for purifiers, fresh air systems, water purifiers and other consumer market applications, helping improve indoor air quality across the globe.

SITES

Suzhou, Guangzhou, Chengdu, Shunde, Taoyuan (Taiwan)



Floormats for cars



JAPAN VILENE COMPANY

Since its founding in 1960, the Japan Vilene Company has been the leading nonwoven manufacturer on the Japanese market. The company's motto, "Engineering Fabric Innovation" stands for long-term material competency and extensive know-how in production processes and technologies as well as the processing of nonwovens and other products. The Japan Vilene Company provides a broad product portfolio for various applications in the automotive, medical, electrical and industrial sectors.

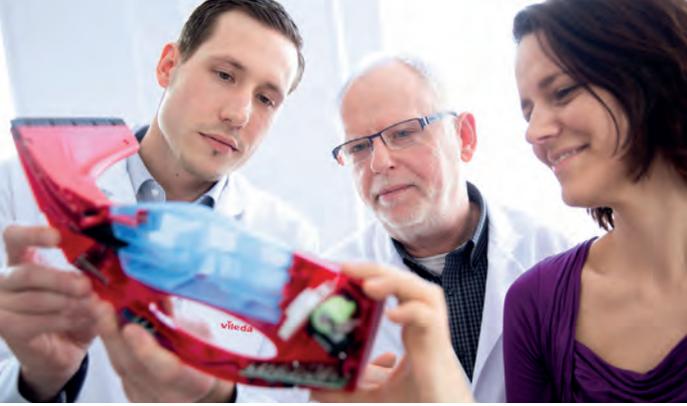
The company has also expanded its business worldwide, including automotive floor mats. Working in close cooperation with Freudenberg Performance Materials and Freudenberg Filtration Technologies, Japan Vilene Company operates a network of production and sales joint ventures in China. It established a sales and production company for automotive floor mats, as Japan Vilene's unique business, Tianjin VIAM Automotive Products Co., Ltd., in 2004. Tianjin VIAM operates the floor mat business in cooperation with group companies in North America, Japan, Mexico, Thailand and Germany, and provides products to customers with the highest level of product quality, customer service and innovative technology.

PRODUCTS / SERVICES

Vehicle headliners, floor mats and interior filters for the automotive industry; filter media and units; battery separator for Ni-MH rechargeable battery, elastic base materials of transdermal products, interlinings and waddings

SITE

Tianjin



Trolley in controlled environment

FREUDENBERG HOME AND CLEANING SOLUTIONS

PRODUCTS / SERVICES

Durable flooring cleaning and disinfecting system, extreme low particle shedding wipes, tailor-designed cleaner for cleanroom tank, soft curtain & multi surface cleaning & versatile trolley for specific controlled environment use

Freudenberg Home and Cleaning Solutions is a leading international company for branded cleaning products and systems as well as laundry care products. The products are sold under the brand names Vileda®, O-Cedar®, Wettex®, Gala®, Marigold®, SWASH, Gimi, Oates® and Vileda Professional.

In China, Freudenberg Home and Cleaning Solutions focuses on B2B business with its brand Vileda Professional. It partners pharmaceutical companies and focuses on controlled environments. Freudenberg Home and Cleaning Solutions helps pharmaceutical facilities reduce the cross contamination risk and improves cleaning and disinfecting efficiency with Vileda Professional's products and solutions.

SITES

Shanghai, Hong Kong, Ningbo

FREUDENBERG CHEMICAL SPECIALITIES

The Freudenberg Chemical Specialities Business Group includes the independently operating companies of Klüber Lubrication, Chem-Trend, SurTec, OKS and Capol.

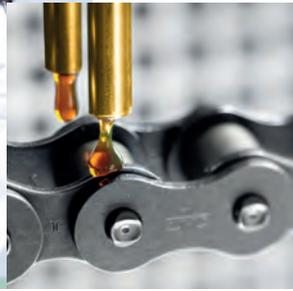
Klüber Lubrication is a world leading manufacturer of speciality lubricants.

Chem-Trend is the world market leader for release agents used in the production of molded parts from composite materials, rubber, plastics, metal and polyurethane.

SurTec is a leading supplier of chemical specialities for surface treatment and electroplating. OKS specializes in performance lubricants and products for maintenance and repair. Capol is a leading worldwide provider of confectionery coatings and also supplies glazes, release agents, sealing agents, pigments, vanilla extract as well as other speciality products.

PRODUCTS / SERVICES

Oils, greases, waxes, pastes, bonded coatings, dry and solid lubricants, anti-corrosion products, chemo-technical maintenance products, hydraulic oils, cleaning agents, release agents for die casting; composites, rubber and polymer processing, products for surface pre-treatment, industrial parts cleaning and electroplating; glazes, release and sealing agents for the confectionery industry



Chain oil

KLÜBER LUBRICATION

FREUDENBERG CHEMICAL SPECIALITIES

PRODUCTS / SERVICES

Speciality lubricants, comprising high-performance oils and greases as well as special pastes, waxes, bonded coatings, release agents and lubricant dispensers. "KlüberEfficiencySupport", added value service programs

With roughly 2,300 employees globally and some 270 people in China, Klüber Lubrication is one of the world's leading manufacturers of speciality lubricants and offers unique, customized tribological solutions to virtually all industries and markets worldwide. Many products are developed to meet specific customer requirements and are sold directly to OEMs, operators and end users. Through intensive technical consultation and services, Klüber Lubrication has acquired a reputation as an excellent partner to industry and trade. The company offers more than 90 years of successful history, industry specific know-how, many certificates and extensive testing facilities with more than 100 test rigs.

Klüber Lubrication has been active in China for around 40 years. Major investments in the company's local presence underscore the growing demand for high-performance lubrication solutions in China. With a state-of-the-art research and development center, production & warehouse facilities and a training center in Shanghai, Klüber Lubrication China can meet the ever-increasing requirements of local customers for cutting-edge innovations and technology.

SITES

Shanghai, Beijing, Chengdu, Guangzhou, Hong Kong



Composites industry - wind blades



CHEM-TREND

FREUDENBERG CHEMICAL SPECIALITIES

Chem-Trend is the world's leading partner for release agents, purging compounds, and other process chemical specialties. Founded in 1960, Chem-Trend is a global organization focused on delivering value-added solutions to improve quality, reduce costs and boost the productivity of molding and casting operations. Chem-Trend offers a globally integrated network of experienced, knowledgeable and insightful production and technical experts in all major manufacturing regions around the world. Chem-Trend serves global manufacturers through offices in North America, South America, Asia and Europe covering several industries, including die casting, polyurethane, rubber, tire, thermoplastics, composites and wood composite.

Chem-Trend has been active in the Chinese market for more than 20 years, with its local headquarters in Qingpu, and branch offices in Beijing, Qingdao and Guangzhou. Chem-Trend operates a production plant and research and development laboratories in Qingpu. Chem-Trend has a strong workforce with expertise in sales, marketing, R&D, customer services, manufacturing, logistics, etc., providing value-added products and services to help solve customer challenges.

PRODUCTS / SERVICES

High performance release agents, die lubricants, tire paints, purge compounds and ancillary products related to molding, casting and forming operations

SITES

Qingpu, Guangzhou, Beijing, Qingdao



Brake caliper

SURTEC

FREUDENBERG CHEMICAL SPECIALITIES

PRODUCTS / SERVICES

Industrial parts cleaning: precision cleaning, interoperational cleaning, surfactant blends, temporary corrosion protection; metal pre-treatment: chromate replacements, phosphate replacements, low temperature phosphates, hot dip galvanizing; functional electroplating: zinc and zinc alloys, passivation and sealers, wear resistant layers, pre-treatment; decorative electroplating: copper, nickel and chromium, plating on plastics, tin and tin alloys, pre-treatment; broad color range of decorative surfaces

SurTec develops, manufactures and supplies chemical specialties for surface finishing. With its highly comprehensive portfolio, SurTec supplies almost all segments dealing with surface treatment, including the automotive, aerospace, construction, household, medical, electronics, renewable energy, and mechanical engineering industries. The SurTec Group, based in Bensheim, Germany, has subsidiaries in 22 countries. Three regional technical centers plus 17 local technical centers and field laboratories provide outstanding technical service to customers worldwide.

SurTec Metal Surface Treatment Technology (Hangzhou) Co., Ltd., as the affiliate of SurTec in China, was founded in 1999 in Xiaoshan, Hangzhou. SurTec China has the company's biggest production site in Asia and operates a technical center with pilot working stations and an analysis center for Asian markets. SurTec has four fields of application – industrial parts cleaning, metal pre-treatment, functional and decorative electroplating – offering a highly comprehensive portfolio with more than 800 products, excellent technical service and expert advice.

SITES

Hangzhou, Shanghai, Guangzhou, Tianjin, Chongqing



Maintenance products



OKS FREUDENBERG CHEMICAL SPECIALITIES

OKS has been a global lubrication specialist for 40 years. The company produces and distributes about 150 lubricants and maintenance products to reduce friction, wear and corrosion. OKS products are mainly used in industrial maintenance, repair and operations. Since 2003, OKS has been a subsidiary of Freudenberg Chemical Specialities SE & Co. KG, Germany.

OKS started to market products in China in 1988 thanks to a strong business relationship with a distribution partner in Hong Kong. Since then, the distribution network has been extended to serve all important industries in China. In 2013, a local sales representative for China, based at the Freudenberg Regional Corporate Center in Shanghai, was established to support local distribution partners.

PRODUCTS / SERVICES

Oils, greases, pastes, bonded coatings, dry lubricants, anti-corrosion products, chemotechnical maintenance products, gear oils, cleaning agents, release agents, automatic lubrication system for industrial maintenance and repair operation

SITES

*China sales support office located in Shanghai;
Distribution partners based in Beijing, Chengdu, Guangzhou,
Hong Kong, Shanghai*



Anti-sticking agent gummies

CAPOL FREUDENBERG CHEMICAL SPECIALITIES

PRODUCTS / SERVICES

Anti-sticking agents, polishing agents, glazing agents, sealing agents, coated acids, machine release agents, natural colors, flavors and extracts

Capol is a leading global manufacturer of finishing agents for the confectionery industry. The company's world-renowned surface treatments include polishes and glazes for panned confectionery, anti-sticking agents for starch-molded gums and extruded licorice, barrier coatings for nutmeats and high-moisture centers. Natural color pigments and individual flavor formulations round off the comprehensive product portfolio. An experienced team of application technologists is ready to help with tailor-made solutions and ensures the optimum application support.

Capol entered the Chinese market in the early 1990s and has built a successful business with a local distribution partner over the years. A local technical sales representative, based at a Klüber Lubrication site since 2015, ensures faster and more efficient market cultivation, and enables Capol to better meet the specific needs of Chinese customers.

SITE

Guangzhou



RESPONSIBILITY FOR SOCIETY



As a family-owned, values-based technology group, success for Freudenberg is financial success as well as fulfilling our responsibility for society. The two goals have been inextricably linked since the company's founding.

At Freudenberg, "Responsibility for Society" covers five areas: Sustainability, Health, Safety and Environmental Protection, Corporate Citizenship, Compliance and Human Rights & Labor. All five areas are firmly anchored in Freudenberg's Values and Principles and closely interlinked.

Values have always been important at Freudenberg when dealing with customers, business partners, neighbors and the environment. Our employees pledge to uphold an internal Code of Conduct, take part in Freudenberg's "We all take care" initiative to improve environmental protection, health and occupational safety and have developed innovative, sustainable solutions to improve the quality of life around the globe. In 2014, we signed the UN Global Compact because it is important to communicate the actions to customers, neighbors, potential employees and institutions.

Corporate Citizenship

Freudenberg strives to be a good corporate citizen and good neighbor in all the countries, states and communities we call home. Corporate Citizenship at Freudenberg goes beyond the value chain – as seen in the hundreds of projects near our sites. All campaigns are tailored to local requirements and our employees volunteer locally.

Global program for education and environmental protection

Freudenberg has worked for society since its founding. With the launch of the e² (education and environment) initiative, Corporate Citizenship was rolled out across the globe in 2015.

The goal is to provide people with access to education and employment, and support environmental protection. The initiative complements existing individual initiatives that meet a list of criteria. Freudenberg is donating a total of 14 million euros to e² over seven years.

School project: One of several projects in China

In May 2008, an earthquake devastated the village of Haijin in Sichuan Province, China. Freudenberg helped rebuild an elementary school that reopened in 2009. The building has

enough space to teach 300 students. Every year, our employees visit the elementary school and organize various activities such as a summer school project, tutoring and a Christmas party.



SUSTAINABILITY

Product and process sustainability have always been part of responsibility practiced at Freudenberg and has two dimensions: One dimension is how the company designs, processes and uses equipment to conserve resources (Footprint, see more below).

The second dimension is the numerous Freudenberg products and solutions that make our customers' production more efficient and sustainable or allow products to be manufactured with greater resource efficiency (Handprint, see more below). Freudenberg helps improve sustainability around the world

by minimizing our Footprint and maximizing our Handprint. The five core topics: materials, waste, energy, emissions and water are the most important ones for the Group.

Footprint

The search for sustainable production processes is an important part of Freudenberg's DNA and is firmly anchored in our principles. Topics such as energy and material efficiency, the sustainable use of resources and waste reduction are important in minimizing our Footprint.



Materials

Material efficiency
Recycle, renewable and replacement materials
End-of-life (EOL) handling of products



Energy

Energy efficiency
Renewable energy



Emissions

Air pollution/
emissions



Waste

Waste treatment



Water

Water pollution
Water consumption

Footprint: Improved production processes reduce waste

Waste levels were high at the site of Freudenberg's Klüber Lubrication company in Shanghai, China. One reason was the ever-broader product range which generated the need for more cleaning between production batches as well as a broad range and high quantity of raw

materials and thus ever more packaging waste. To avoid waste, the site adjusted production planning, making it no longer necessary to clean between batches. Containers instead of barrels were used for the storage of raw materials as well.



Continuous improvement in these areas helps us take responsibility for society.

Handprint

Responsibility for society means that Freudenberg also helps customers become more sustainable. Innovative

products and services can thus help contribute to greater energy efficiency for our customers for example. Expanding our Handprint also has a positive impact on our customers' quality of life while making an improved contribution to sustainability in various areas outside of Freudenberg.

BEING PART OF AN INNOVATING TEAM

As a leading global technology group, we offer our 50,000 employees more. More career opportunities – in 40 market segments. More incentive to take responsibility for meeting today’s challenges – together with colleagues from some 60 countries. More opportunities to learn something new every day – from colleagues in 10 different Business Groups.

Freudenberg has always been family-owned. Financially independent, we can take a long-term, autonomous approach. We focus on solid growth based on strong corporate values – giving our Group and the people who work here more stability.

Corporate values have always been part of our DNA. Since Freudenberg's founding in 1849, values have shaped our daily business and brought our employees from around the world together to form one Freudenberg family. Our employees take responsibility in everything they do. They strive together for forward-looking solutions that support global sustainability. Freudenberg puts social engagement into practice at all its sites – providing support where help is needed, particularly in education and environmental protection.

RELIABILITY

As a family-owned company, Freudenberg is independent and has a tradition of long-term thinking and sustainability.

PROFESSIONALISM

Top products, solutions and services allow us to make valuable contributions to our customers' success.

SUSTAINABLE COMMITMENT

DEVELOPMENT OPPORTUNITIES

Every employee is valued and given the opportunity to develop their individual skills.

TECHNOLOGY & INNOVATION

OPENNESS

We benefit from our openness and diversity in the face of permanent change – always ready to master new challenges.

INTEGRITY

Strong company values act as the foundation for a trusting relationship with our employees, customers and business partners.



FREUDENBERG AS AN EMPLOYER



Freudenberg understands the long-term commitment of its employees as a major success factor for its business. Career development through ongoing learning and further education are cornerstones of our Human Resources strategy in China. To meet the career development

needs of our employees in the region, we have built up a systematic learning and development framework covering a broad range of Freudenberg's global leadership programs and tailor-made training programs for China.

Freudenberg employees think like entrepreneurs and are passionate about innovation. They are experts in their field, use state-of-the-art methods and share their know-how in international and interdisciplinary projects – always with the goal of developing excellent solutions that make their customers successful. We give you freedom to use your initiative, encourage you to take

responsibility early on and to share your expertise with your colleagues. Freudenberg stands for a pro-active, open and diverse company culture. We are convinced that teams with people of various ages, genders and cultural backgrounds are more successful: Diverse teams come up with new ideas, create imaginative solutions and produce innovative products. In short: They drive innovation at Freudenberg.

CONTACTS

REGIONAL HEADQUARTERS

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