



Product Range

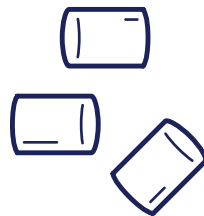
Plastics

Composites & Thermosets



Your high-performance partner for specialty chemicals.

We are a leading independent chemical business providing sales, marketing and distribution services and are recognized world-wide for our technical expertise and high-quality product portfolio as well as in-house laboratory support. Everything we do is with passion and commitment and always with an eye on the best possible outcome.



Plastics

Our locations

Thinking global and acting local

KRAHN Subsidiaries

- Hamburg
- Zaandam
- Milan and Berbenno
- Poznań
- Avon
- Athens
- Gothenburg
- Sandbach
- Aspe
- Vienna

Sales offices

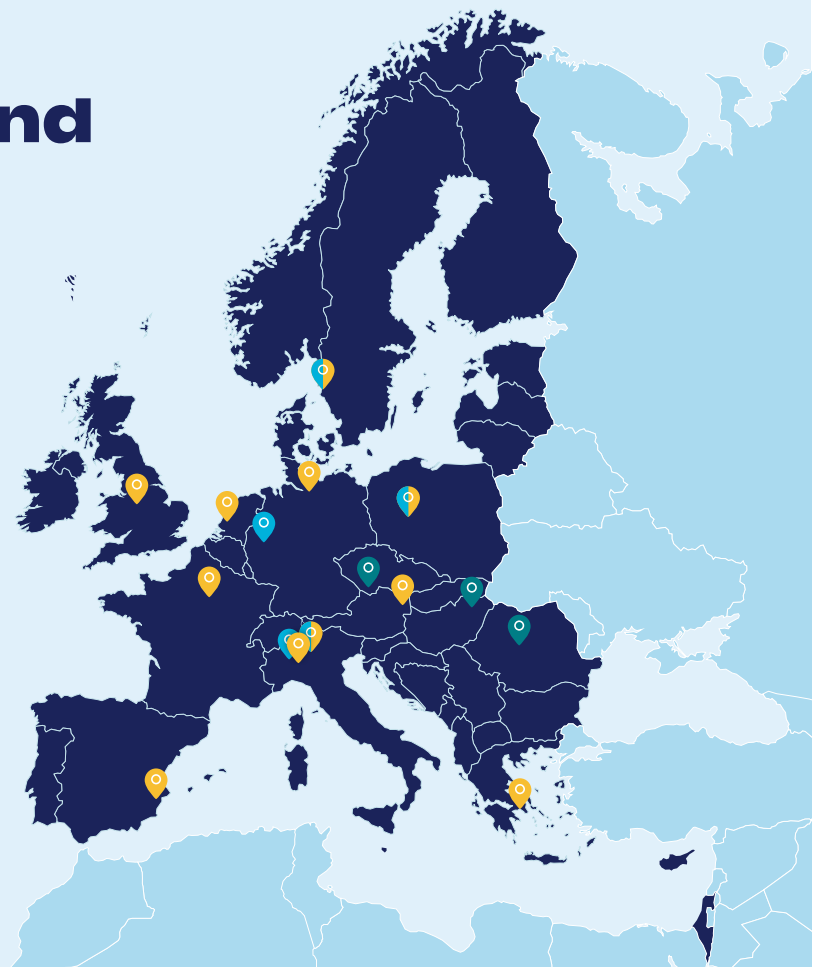
- České Budějovice
- Tiszaújváros
- Sibiu

Laboratories

- Bottrop
- Poznań
- Gothenburg
- Lainate and Berbenno

Warehouses

Many warehouses across Europe, also with possibilities for bulk breaking



Additives

Product Group	Product Name	Producer	Product Description
Matting Agent, Haptic, Texture	Spheromers® CA	Lamberti	Spheromers® are acrylic beads with an extremely narrow particle size distribution available in different particle sizes. They are used as matting agents in segments where semi-gloss, highly transparent, smooth coating surface combined with high scratch and chemical resistance are requested. Due to their narrow spherical particle size distribution, Spheromers® ensure homogeneous and reproducible properties when used as advanced light diffusing additives for LED lighting applications and light diffusion films. Spheromers® are also used as superior polymer anti-blocking agents.
	Decosphaera® PU	Lamberti	Decosphaera® are versatile additives used in a large number of applications ranging from coatings, plastics and adhesives to cosmetics to impart soft touch and texture. When used in coatings applications impart deep matt effects on surfaces without compromising colour acceptance or burnish, wet scrub, abrasion, or scratch resistance. Our waterborne polyurethane beads are highly crosslinked and highly elastic. Decosphaera® are insoluble in water and in most commonly used solvents and do not contain any solvent or VOC. Their spherical shape is not destroyed by stress during processing or use.

Resins

Product Group	Product Name	Producer	Product Description
Epoxy Hardeners	ECA 100 NC	Dixie Chemical Company	Blend HHPA/MHHPA/MTHPA, epoxy curing agent to form highly crosslinked polymers with excellent physical (UV and alkaline resistance) and electrical properties.
	HHPA	Dixie Chemical Company	HHPA are fully saturated anhydrides that offer superior UV resistance without the need for additional additives. HHPA can be used as monomers to build other polymer systems or can be used to cure cycloaliphatic epoxies for fully UV resistance composites and coatings.
Resin Systems Laminating & Vacuum Bag Infusion	Elan-tech®	Elantas	The composite resins are manually applied in wet lay-up, ambient or vacuum bag processing, for boat making, special parts, wind mill blades and other handworks in glass or carbon fiber. RINA certificated products are available.
Resin Systems RTM & Press Molding	Elan-tech®	Elantas	Resin transfer molding of very flowable and reactive epoxy system, from medium to high temperature, for high speed production of composite parts. Application areas are in the automotive, boats and industry market.
Resin Systems Filament Winding	Elan-tech®	Elantas	The process consists into the winding of a bath-impregnated fiber to realize, on a rotative support (mandrel or other tool), empty parts (pipes of various section, reservoirs, empty parts in general). This kind of production is quite cheap and efficient with high possibility of customization of the parts and definition of the final properties.
Resin Systems Pultrusion	Elan-tech®	Elantas	Unfilled or slightly filled system with internal release agents for a continuous processing of fiber impregnation. The materials need to be cured into a mold with different temperatures. The advantage is a fast and cost-efficient production with the possibility to optimize the parameters by control of temperature and reactivity of the epoxy system.
Bio-based Liquid Epoxy Resins	Lapox G-range	Atul	Bio-based epoxy resins (Bis A, Bis F and Bis A / F) for thermoset applications, good wetting properties for glass- / carbon fibers, fast curing properties with various hardeners.
Bio-based Reactive Diluents	Lapox G-range	Atul	Bio-based reactive diluents; mono- and di-functional for epoxy systems to reduce viscosity and improve bio-based content of final formulations.
Diallyl Phthalate Resin	DAISO DAP®	Osaka Soda	Diallyl phthalate monomers, crosslinking agents for unsaturated polyester and hot sealing compound providing low volatility, excellent heat and chemical resistance.
Diallyl Isophthalate Prepolymer	DAISO ISO DAP	Osaka Soda	DAISO ISO DAP has a high flowability when heated. So it's applicable to low pressure molding, and thus being most suitable for uses in sealing.

Pigments and Pigment Preparations

Product Group	Product Name	Producer	Product Description
Pigment Preparations	CHM	Coloris	Liquid colorants for high solid industrial coatings. Compatible with many industrial coatings. Used to color 2K polyurethanes, epoxies, unsaturated polyesters, PMMA.
	CIU	Coloris	Water-based colorants for industrial tinting systems. Compatible with all industrial water-based paints. Used to color polyurethanes hydro, epoxies hydro, acrylics. CWI colorants keep the paint properties: gloss, adhesion, pot life.
	CMP	Coloris	Pigment dispersions used to color plastisols, liquid masterbatches and putties. High pigment concentration for a low viscosity. Excellent heat stability and weather resistance.
Aluminium Pastes	Toyalshine	Toyal Europe	PVD-pigments with high hiding power to achieve chrome effects. Available in various color effects.

Intermediates

Product Group	Product Name	Producer	Product Description
Anhydrides	HHPA	Dixie Chemical Company	HHPA are fully saturated anhydrides that offer superior UV resistance without the need for additional additives. HHPA can be used as monomers to build other polymer systems or can be used to cure cycloaliphatic epoxies for fully UV resistance composites and coatings.
Diol	EH Diol	Gulf Chemical International	2-Ethylhexane-1,3-diol is used in organic synthesis and can be used to produce polyester resin, polyester plasticizers and polyurethane resin.
Monomers	DAISO DAP®	Osaka Soda	Diallyl phthalate monomer, low volatile crosslinking agent for unsaturated polyesters as a replacement for styrene monomers.
Oxo Alcohols	Exxal™	ExxonMobil Chemical	The Exxal™ alcohols are branched, primary alcohols that contain both even-and odd-numbered hydrocarbon chains, ranging from C8 to C13.
Acids	Neo-Acids	ExxonMobil Chemical	ExxonMobil neo-acids exhibit high branched structures in which the carboxylic group is attached to a quaternary carbon atom. The high steric hindrance provided by the neo-acid structure imparts excellent thermal and hydrolytic stability in derivatives and also helps make neo-acids a superior building block for derivatives.

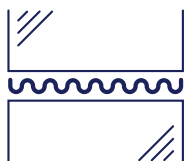
Esters

Product Group	Product Name	Producer	Product Description
Phthalates	Jayflex™ DIUP	ExxonMobil Chemical	High molecular special ester for adhesives and sealants. Due to its low fogging values and high migration resistance Jayflex™ DIUP is used in automotive applications, e.g. car interior.
Trimellitates	CRANE® Plast TOTM	KRAHN Chemie	Highly permanent ester, compatible with various polymers, extremely low volatility, excellent protection against calcium soaps, low fogging and good processability.
	Jayflex™ L9TM	ExxonMobil Chemical	Low volatile linear C-9 alcohol based special ester. Due to its outstanding high temperature resistance, low emission profile and general good cold flexibility performance especially suitable for durable and demanding applications.
Benzoates	Jayflex™ MB 10	ExxonMobil Chemical	Benzoate based ester which is applied in PUR-sealants, acrylic based adhesives, MS-polymer based, water-borne adhesives, silane-terminated systems and is used as an alternative for critical short-chain esters and solvents.

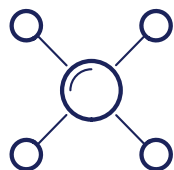
Fillers

Product Group	Product Name	Producer	Product Description
Lightweight Fillers	AEROPOR	AEROPOR	Purely mineral, largely closed-pored lightweight aggregate. In an innovative thermal manufacturing process, hydrated obsidian (volcanic rock) are gently and precisely expanded. Low water absorption, pressure and shear force stable, temperature resistant up to 950°C, chemical resistance, free flowing.
Renewable Fillers	RFF Filler	UPM	Wood-based renewable and biodegradable functional filler. Green alternative to carbon black coloration. Low carbon footprint, biodegradable and bio-based.

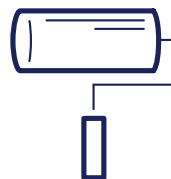
Industries



**Adhesives &
Sealants**



**Chemical
Intermediates**



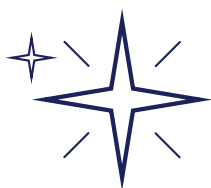
Coatings



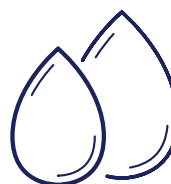
Construction



**Heat Transfer
Fluids**



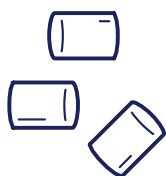
**Industrial Cleaning &
Home Care**



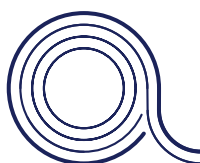
**Lubricants &
Fuels**



**Personal
Care**



Plastics



Rubber

Product Disclaimer

1. Any information given on the chemical and physical characteristics of our products, including technical advice on applications whether verbally, in writing or by testing the product, is given to the best of our knowledge. However, this information is given without obligation and does not exempt the buyer from carrying out own investigations and tests in order to ascertain the product's specific suitability for the purpose intended. The buyer is solely responsible for the application, utilization and processing of the products, and must observe the laws and government regulations and the consequential rights of any third party. Any exception of the above-mentioned restrictions requires the manufacturer's express release in writing.
2. The products sold and/or supplied by us are not destined for the manufacture (i) of medical devices according to EU directive 93/42/EEC, in particular of implants, (ii) of biocides, (iii) of pesticides, (iv) of human and veterinary pharmaceuticals, (v) of food and feed products, (vi) of cosmetics, (vii) of weapons or other objects, designed to take human life or causing injuries.
3. At all times our Conditions of Sale apply.
4. Our product lists include dangerous goods. The correct marking of such goods is described in the respective datasheets.

KRAHN Central & Eastern Europe GmbH
Margaretenstraße 5
Austria-1040 Vienna

+43 1 280 13 22 0
krahn.at@ottokrahn.group
krahn.eu

**Bring it
together!**



KRAHN Chemie brings
together all the elements
designed to create strong
added value: markets with
innovations, processors with
producers and questions
with answers.

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