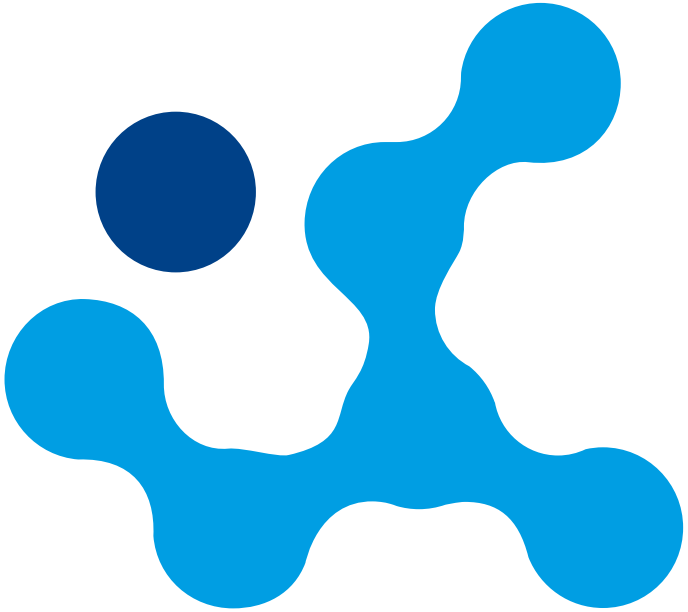


Chemical raw materials and specialty chemicals

VINK CHEMICALS

Vink Chemicals GmbH & Co. KG is a family-owned business. We produce biocide formulations for a variety of industries and offer our customers worldwide product solutions.

Our present company began with the founding of Vink + Co. in 1980. As the trade in biocidal active ingredients has been an important line of business from the start, we decided in 2008 to develop our own biocide formulations.

After the first production plant went into operation at our main site in Kakenstorf in 2012, Vink Chemicals GmbH & Co. KG was founded as a manufacturing and trading company.

All ingredients from a single source

Based on our many years of experience with chemical raw materials, we also offer you, in addition to our biocide products, a whole range of important chemical raw materials. These optimally round off our offer for the various user groups. These chemicals are being used in the following applications:

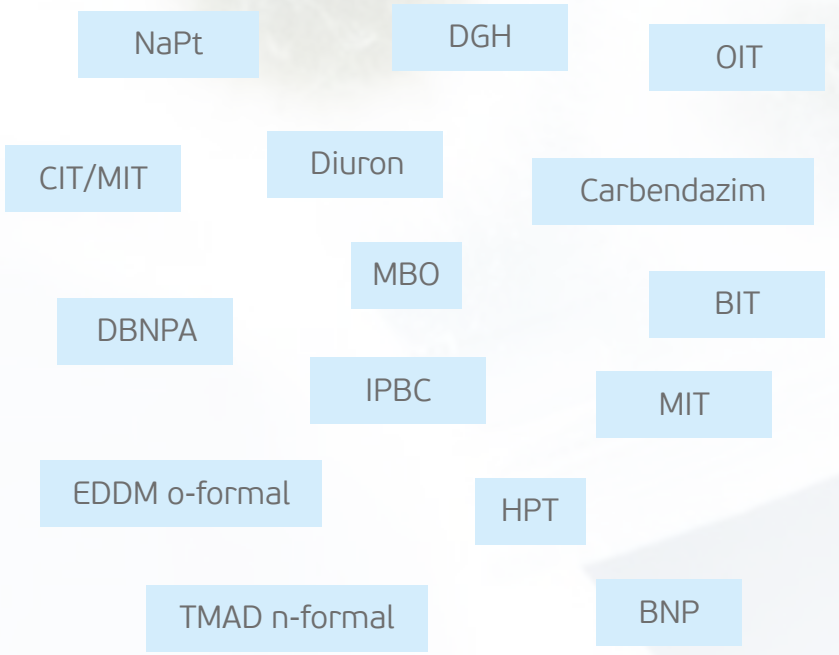
- Water treatment
- Paints and coatings
- Construction industry
- Printing inks
- Paper manufacturing
- Adhesives
- Lubricant / cooling lubricants
- Detergents, cleaning agents and cleaners

Biocides

Customised biocide formulations are more effective

The products manufactured by Vink Chemicals GmbH & Co. KG, with more than 30 years of experience, comprise the complete range of biocides for the in-can and film preservation of paints and coatings. Vink Chemicals is just as broadly positioned as a supplier of biocides for water treatment, adhesives, cooling lubricants, construction chemicals, detergents, cleaning agents, disinfectants and coatings & inks.

With its focus on isothiazolinones (CMIT/MIT, BIT and MIT with its own active-agent registration) and in combination with other active ingredients, Vink Chemicals offers highly effective biocide formulations, both aqueous and glycolic. The following active substances should be mentioned here:



All-in-one-Service

Vink Chemicals designs your individual service package

Raw material procurement

Service & consulting

Industrial hygiene

Technical advice is an integral part of our customer service. Vink Chemicals offers you a complete, individually tailored package for optimum preservation – from the identification of contamination to system cleaning.

We support you with microbiological tests and laboratory services, technical and regulatory advice, logistics support, raw material procurement, research and development and many other services related to biocides and operational hygiene – all from a single source.

In particular, our expertise in toxicology and eco-toxicology as well as all aspects of the correct, efficient and economical use of biocides will help you to realise a tailor-made cleaning and preservation concept for your application.

We supply your individual biocide formulations, raw materials and specialty chemicals worldwide in all required quantities and in standard container sizes.

Microbiological tests

Research & development

Laboratory analyses

Dispersion powders

The right processing properties for your building material

Ethylene vinyl acetate

Type	Tg [°C]	MFT [°C]	Flexibility	Rheology	Uses
DA-1100	15	3	Medium-hard	Neutral	Tile adhesives
DA-1120	15	3	Medium-hard	Neutral	Repair mortar, plaster mortar
DA-1123	15	3	Highly flexible	Thixotrope	Tile adhesives, cement mortar, adhesion, extra defoamer
DA-1126	15	3	Medium-hard	Neutral	Tile adhesive with increased wet strength
DA-1130	15	3	Medium-hard	Thixotrope	Stable tile adhesives, plasters, plaster mortar
DA-1133	15	3	Medium-hard	Thixotrope	Stable tile adhesives, plasters, plaster mortar
DA-1141	15	3	Medium-hard	Flow-enhancing	Floor-levelling compounds
DA-1200	0	0	Flexible	Neutral	Tile adhesives
DA-1210	0	0	Flexible	Neutral	Waterproofing slurries, renders
DA-1220	0	0	Flexible	Neutral	Repair mortar, ETICS adhesive
DA-1300	15	3	Flexible	Neutral	Self-levelling floor compound, plasticizer & flow agent
DA-1400	-15	0	Highly flexible	Neutral	Tile adhesives, repair mortar
DA-1410	-15	0	Highly flexible	Neutral	Waterproofing slurries, renders
DA-1420	-15	0	Highly flexible	Neutral	Plaster mortar, flexible adhesive
DA-1430	-15	0	Highly flexible	Thixotrope	Wall fillers
DA-1450	-15	0	Highly flexible	Neutral	Plasters, ETICS adhesive
DA-3510	-15	0	Highly flexible	Neutral	Sealing slurries, jointing mortar, finishing plaster

Dispersion powders are spray-dried polymer dispersions. During the production of cement or plaster mortar, the free-flowing and easily storable powders are distributed in the mixing water and so redispersed. This significantly improves the properties of cement- and plaster mortars.
Higher elasticity and reduced permeability are further positive effects of dispersible powders on cement- and plaster mortars, but also on sealing and jointing compounds, levelling and filling compounds, and facade coatings.

Styrene acrylate

Type	Tg [°C]	MFT [°C]	Flexibility	Rheology	Uses
7555	- 1	-	Flexible	-	1K sealing foams, ETICS, highly flexible plasters
7660	10	-	Moderately flexible	-	1K sealing slurry in combination with 7552, ETICS, highly flexible plasters, professional tile adhesive

Pure acrylate

Type	Tg [°C]	MFT [°C]	Flexibility	Rheology	Uses
8655	- 10	0	Moderately flexible	-	1K sealing slurry, ETICS, highly flexible plasters, professional tile adhesive
8770	7	5	Slightly flexible	-	Professional tile adhesives, sealing slurries, filling compounds, plaster, ETICS, levelling compound
8999	- 35	0	Highly flexible	-	Highly flexible tile adhesives, sealing slurries, flexible mortars; cementitious sealing membranes
8914	- 20	0	flexible	-	flexible tile adhesives, exterior (thermal) insulation systems, sealing slurries, flexible grouts

Speciality chemicals

Chemical additives from Vink Chemicals

Setting accelerator:

We supply calcium formate for cement mortars and tile adhesives under the trade name Vinkotech CF as well as lithium carbonate for self-levelling cement under the trade name Kimix LiCO3.

Setting retarders:

Our tartaric acids show very good functionality in various dry construction chemical products. We supply synthetic tartaric acids with anti-caking agents and a particle size of 63 microns under the trade name Vinkotech TA and natural tartaric acids with anti-caking agents and particle sizes from 63 to 200 microns.

Cellulose ethers:

Our own KIMICELL products for thickening of aqueous systems such as paints and coatings, adhesives, polymers, cleaning agents, paper products and specialities are based on CMC, HEC, biostable HEC B, EHEC, MHEC and HPMC.

Fillers:

Together with our partner 20 Microns we can offer you a wide range of natural fillers such as barium sulphate, bentonites, diatomaceous earth, kaolins, mica, quartz, silicates and talc. The range of titanium dioxide replacement products from 20 Microns is also very interesting.

Defoamer:

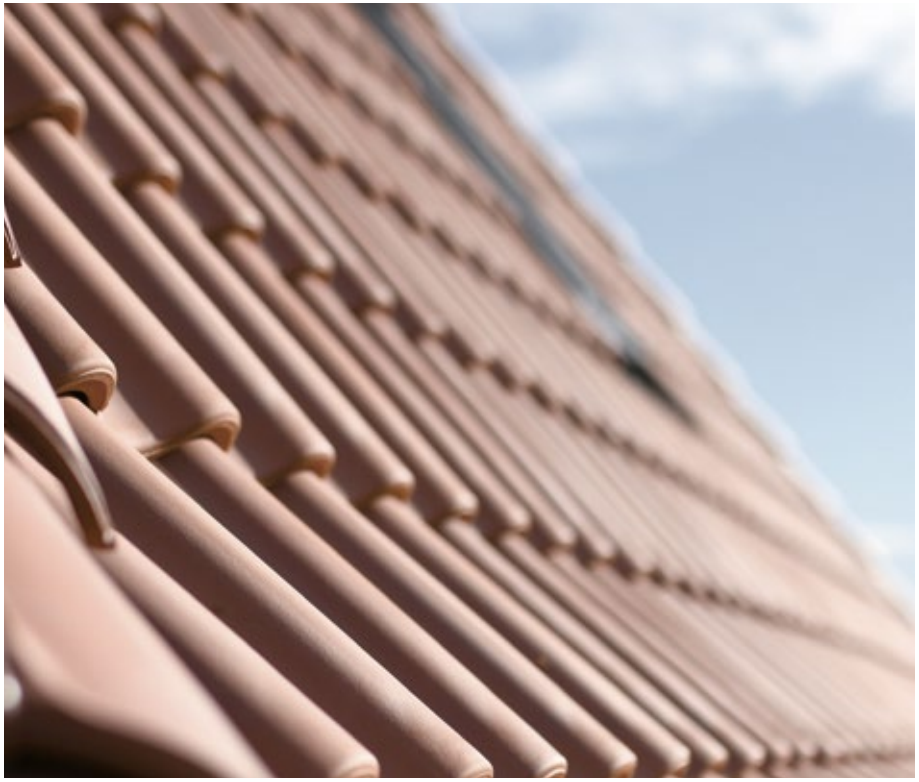
Vink Chemicals supplies liquid and powder defoamers for aqueous and solvent-based systems with low and high pH values, based on mineral and vegetable oils and on silicone oils. This enables us to offer you a solution to almost any problem – for construction chemicals, printing inks, paints and coatings, adhesives, paper and cardboard, cleaning agents, lubricants, water treatment or metalworking fluids and textiles. Powdered defoamers are also available for the dry mortar industry.

Effect pigments:

Under the trademark Vinkotech PP we supply natural and synthetic pearl pigments. The following colours are available: Silver, gold, interference-effect colours as well as Colorstream and magnetic types. These also include special-effect pigments that emit odours when pressure or friction is applied, for example, as well as thermochromic pigments that change colour with temperature, and pigments that react to UV light. In addition, there is the NASOL range with solvent-based transparent pigments based on nano and micro technology from our partner Kelly.

Polymer dispersion:

Our comprehensive range also includes aqueous dispersions based on styrene, acrylate, copolymer, pure acrylate, Veova and vinyl acetate for wall and wood paints as well as sealants, adhesives and cement modifications.



Iron oxide pigments:

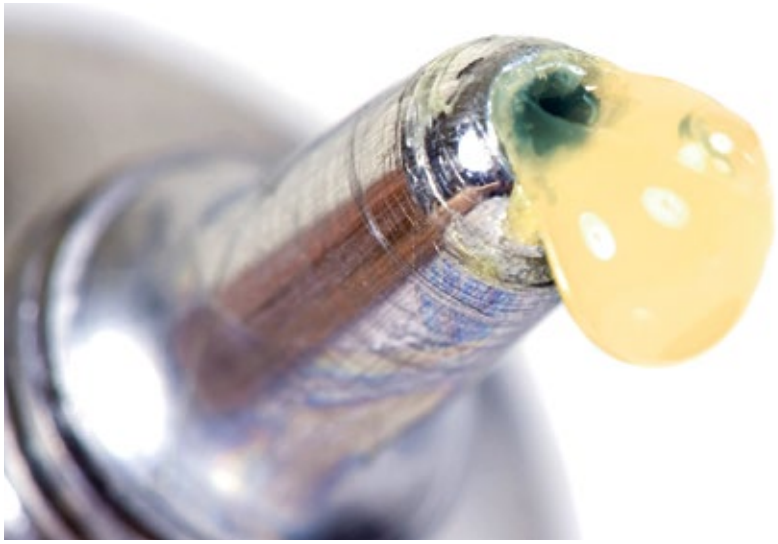
Our Kimix iron oxide range offers a good alternative to other types of iron oxide available on the market. We offer almost all colours in normal and micronised versions with good external stability and colour-fastness. All pigments are non-reactive, non-toxic and resistant to acids, bases and alkalis. They can be used for construction chemistry, joint mortar, paints, ceramics, asphalt and plastics.

Amine-based catalysts:

Vink Chemicals currently sells the following REACH-registered amine-based catalysts: TEDA 33 DPG/MEG and TEDA 25 BDO from in-house production as well as DMCHA, DMDEE, BDMA, BDMAEE, katalysator Vinkotech DBTDL and PMDETA.

Foam stabilisers:

Together with our partner Productos Concentrol, we supply silicone-based foam stabilisers for a variety of PU applications. The products of the Concentrol STB PU brand offer very good properties, tailored to your polyurethane foam application from flexible to rigid foam.



Titanium dioxide:

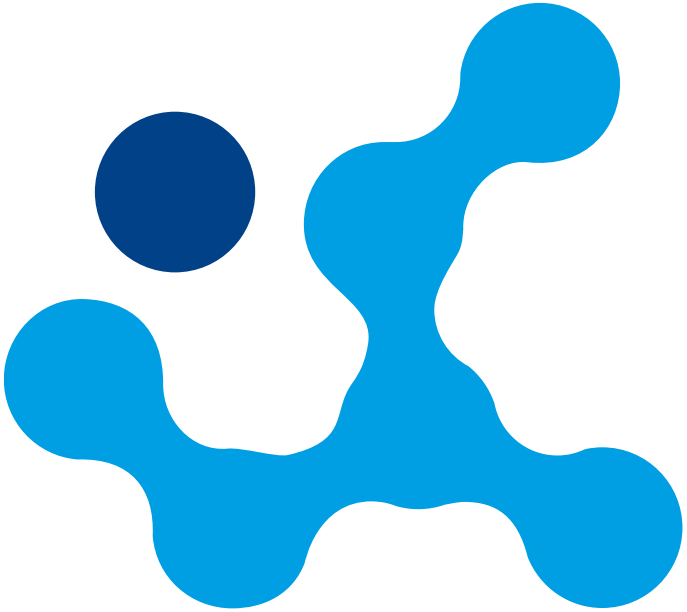
With our partner Kimix we offer two rutile types of titanium dioxides, which are produced by the sulphate process. KIMIX R92 is a white pigment for interiors with an Si-Al surface and R93 is a white pigment, for interiors and exteriors, treated with Zr-Al. Both can be used in a variety of ways in aqueous and solvent-based systems.

Thickener:

We carry two types of thickeners: The modified and non-modified silicas of the Vinkotech SIL brand make up one product group. They are inert and can be used in a variety of applications. They give your products flow, gloss, good spray resistance and ease of processing.

Plasticizer with flame retardant:

Vinkoflame TOF (trioctyl phosphate) is a halogen-free plasticizer with excellent low temperature flexibility and is a flame-retardant for plastics. It is used as an aqueous polymer dispersion and is well tolerated in, among other polymers, EP, NBR, PU, PVC, PUR and NBR, as a binder for pigment pastes, as an additive for cutting oils, a release agent for metal processing, and as a solvent, e.g. for the production of hydrogen peroxide. We also have Vinkoflame TEP and Vinkoflame TCPP as flameretardents into PU foam applications available in ISO-tainer, IBC's and drums.



PRESERVED TO LAST

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