



# PRODUCT RANGE

COATINGS  
ADHESIVES AND SEALANTS  
CONSTRUCTION



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## ABOUT US

### BCD Chemie

For decades, BCD Chemie has focussed on the Europe-wide marketing and distribution of industrial and specialty chemicals and is one of the leading suppliers in this segment. As a link between manufacturers of high-quality chemical raw materials and customers from many industries, we supply B2B sales solutions for a wide range of sectors and applications. Profound market knowledge, competent product and application advice as well as comprehensive expertise in chemical-technical and market-analytical contexts form the basis of our philosophy of modern chemical distribution.

We offer an extensive product portfolio for paints and coatings, adhesives and sealants as well as construction chemicals. This allows you to formulate high-quality and innovative products that improve the properties of your formulations.

BCD Chemie will continue to expand its portfolio of sustainable products in the coming years. The sustainable products currently available, especially those that are 100% or partially derived from non-fossil sources, are labelled with the green leaf. 🌱

More information on the products can be found in our sustainable range card. Our sustainable concept is available on our [sustainability](#) website.



# INNOVATION & APPLICATION CENTER

## CASE & CONSTRUCTION

### New Dimensions for Innovation

We are excited to introduce our application laboratory – a state-of-the-art space for innovative developments and high-quality testing in the fields of paints, coatings, adhesives, sealants, elastomers, and surface pretreatment. Equipped with technology that goes beyond industry standards, we are setting new benchmarks in raw material testing and product development. Our laboratory not only offers cutting-edge technologies but also a versatile testing environment specifically designed to meet the individual requirements of our customers and suppliers. Here, precision and innovation come together: We combine technical expertise with the most advanced equipment to deliver tailored solutions and reliable test results – for both BCD Chemie and our partners.

### Wir bieten unseren Partnern

- › Technical Consulting
- › Recipe Optimisation
- › Comparative Testing
- › Raw Material Analysis
- › Formulation Development
- › Raw Material Screening
- › Process Optimisation

FOR MORE  
INFORMATION  
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# PRODUCT OVERVIEW CASE AND CONSTRUCTION

## Binders

Product	Description
PMMA-Resins	Thermoplastic methacrylate resins for solvent-based applications and reactive hotmelt adhesives. 
Saturated Polyesters	2K-binders for can and coil coatings. 1K binders for flexible packaging.
Polybutadiene	Highly flexible binders and co-binders for various applications. 
Pure acrylic dispersions	Pure acrylic dispersion for various applications in the paint, adhesive and construction sectors.
Styrene acrylic dispersions	Styrene acrylic dispersions for various applications in paint, adhesive and construction sectors.
Vinyl acetate dispersions	Vinyl acetate dispersions for various applications.
PMMA-Reactive resins	Fast curing methacrylate-based reactive resins, for heavy-duty floor coatings as well as road marking paints. 
Alkyd resins	Short, medium and long oil alkyd resins, available as water-based or solvent-based systems. 

## Antifoams

Product	Description
Silicone antifoams	Very efficient antifoams for various applications.
Polymer antifoams	Organic antifoams based on polymers for various applications. 
Vegetable oil antifoams	Bio-based vegetable oil antifoams for various applications. 
Mineral oil antifoams	Mineral oil antifoams for various applications.
Powder antifoams	Powder antifoams for use in dry-mix applications.
Acetylendiol (TMDD)	Antifoam with wetting effect for various applications. Available as a pure substance or dissolved in various solvents.

## Adhesion promoter

Product	Description
Silanes	Organofunctional products as a bonding bridge between organic and inorganic materials.
Adhesion resins	Resins with adhesion-improving effect on various substrates. 🌱
Fumed oxides	Fumed silica and aluminum oxide to improve the intermediate adhesion of subsequent coats and paint absorption. Available as powder and dispersion.

## Hydrophobing and Impregnating Agents

Product	Description
Silanes	Alkyl silanes for mass hydrophobisation of cement and concrete in the production of molded parts and for subsequent surface hydrophobisation.
Siloxane	Siloxanes, dilutable with organic solvents for surface hydrophobisation of mineral substrates. Also available as an emulsion.
Silane/Siloxane Emulsionen	Water-based systems for impregnating wood.
Silicone resins	Silicone resins, dilutable with organic solvents for surface hydrophobisation of mineral substrates. Also available as an emulsion.
Silane creams	Aqueous, silane-based creams for the hydrophobisation of mineral surfaces.
Bio-based hybrid resin	Biogenic, self-crosslinking hybrid resin containing 90% renewable raw materials for protective coatings and impregnations. 🌱
Potassium silicate	Water-based systems for the impregnation of wood.
Aminofunctional siloxanes	Water-based systems for the impregnation of wood.
Pure acrylic dispersions	Water-based systems for the impregnation of wood and mineral substrates.
Styrene acrylate dispersions	Water-based systems for the impregnation of wood and mineral substrates.
Silicone resin emulsions	Water-based systems for the impregnation of wood and mineral substrates.

## Catalysts / Accelerators

Product	Description
Amine catalysts	For PU systems (e.g. PU adhesives, PU foams) for accelerated curing.

## Hydrolysis Stabilisers

Product	Description
Carbodiimide	Hydrolysis stabilisers for polyester-based PU coatings.

## Anti-corrosion Additives

Product	Description
Silanes	Organofunctional products as bonding bridge between organic and inorganic materials.
Fumed silica	Improvement of corrosion protection by generating a barrier effect in coating systems. Also available as a dispersion.
Copper deactivator	Triazole derivative, solvent free and good solubility in oils. Triazole derivative formulation or triazole free options for water-based applications.
Multi-metal corrosion inhibitors	Polymer inhibitors, for aluminum alloys, iron and steel, non-ferrous metals and zinc. Depend-ing on the formulation, also acts as a wetting agent, EP/AW additive or co-emulsifier.
Long-term corrosion protection	For water and solvent-based coatings, as temporary corrosion protection for iron and steel, specially modified version for aluminum.
Flash rust inhibitors	For water-based applications, as temporary corrosion protection for iron and steel. A special modified version for aluminum.

## Scratch resistance / Slip Additives

Product	Description
Fumed aluminium oxide	Increased scratch resistance due to hard particles. Also available as a dispersion.
Silicone-based slip additives	Improvement of the slip properties of coatings.

## Matting Agents

Product	Description
Aerogel	Nanoporous silica for matting systems that are difficult to matt.
Fumed silica	Highly effective matting agent in water-based and solvent-based systems. Available as a powder.

## Wetting and Dispersing Agents

Product	Description
Polyacrylic acid	Polyacrylic acid solutions, acidic and neutralised (Na salt) for dispersing inorganic pigments, adhesives and fillers.
Fatty acid esters and copolymers with pigment affinic groups	Wetting and dispersing additives for inorganic and organic pigments, fillers and carbon blacks.
Phosphoric acid esters	Wetting and dispersing additives for inorganic and organic pigments, fillers and carbon blacks.
Rosin resin ester	Wetting and dispersing additives for inorganic and organic pigments, fillers and carbon blacks. 🌱
Ketone resins	Wetting and dispersing additives for inorganic and organic pigments, fillers and carbon blacks.

## Surface Additives

Product	Description
Acetylendiol (TMDD)	Wetting agent for aqueous systems to reduce the surface tension dissolved in various solvents or as a pure substance, also has a defoaming effect.
Silicone polyether	Wetting agent for aqueous systems to reduce surface tension. For better wetting of the substrate and a smoother finish.
Trisiloxanes	Wetting agent for aqueous systems with very strong reduction of surface tension. For better wetting of the substrate and a smoother finish.



## Rheology Additives / Thickeners

Product	Description
Modified polyurea	Liquid rheology additives for aqueous adhesives and sealants.
Phyllosilicates	Rheology additives for aqueous and solvent-based adhesive and sealant systems.
Acrylic thickener	Rheology additives for aqueous systems.
Polyurethane thickener	pH-value independent thickener for aqueous systems. Available as flakes and in liquid form.
Fumed silica	Hydrophilic and hydrophobic fumed silica as a thickener for all binder classes.
Cellulose ether	Rheology additive based on renewable raw materials for aqueous systems. 🌱
Carboxymethylcellulose	Rheology additive based on renewable raw materials for aqueous systems. 🌱
Xanthan gum	Rheology additive / thickener for coating formulations, polysaccharide produced by fermentation. 🌱



## Pigments

Product	Description
Titanium dioxide	Rutile grades produced using the chloride process, also available TMP-free. Rutile grades produced using the sulphate process, also available TMP-free. Anatase grades.
Titanium dioxide slurries	All our TiO <sub>2</sub> types mentioned above are also available as slurries.
Black pigment	Carbon blacks.

## Thermal Insulation

Product	Description
Aerogel	Highly porous silica for improving thermal insulation, used in paints and varnishes, mineral systems (plasters) or as a powder in interstices.
WEBCOTHERM®	Thermally insulating hydro coating based on hybrid resin. Ready-to-use.

## Retarder





Product	Description
Citric acid	Fruit acids as retarders in cementitious and gypsum-based systems. 🌱
Tartaric acid	Fruit acids as retarders in cementitious and gypsum-based systems. 🌱
Gluconate	Fruit acids as retarders in cementitious and gypsum-based systems. 🌱

## Flame Retardants

Product	Description
Phosphoric acid esters / Phosphates	Tris-2-chloropropyl phosphate (LEVAGARD® PP) Triethyl phosphate (LEVAGARD® TEP-Z) Phosphoric acid ester, free OH groups (LEVAGARD® 4090N) Oligomeric phosphate ester (LEVAGARD® 3000)

## Plasticisers

### Plasticisers, phthalate-free

Product	Description
Adipic acid ester / Adipate	DOA (Di-2-ethylhexyladipat) DBA (Dibutyladipat, Adimoll® DB) BOA (Benzylloctyladipat, Adimoll® BO) DINA (Diisononyladipat, Plastomoll® DNA)
Alkanesulfonic acid esters / Alkane-sulfonates	Alkanesulfonic acid of phenol (Mesamoll®, Mesamoll® II, Mesamoll® TP LXS 51067)
Benzoic acid esters / Benzoates	DEG-DPG-Benzoat (K-Flex 500 P) DEG-DPG-Benzoat (K-Flex 850 S) Dipropylenglycoldibenzoat (K-Flex DP) Diprpylenglycoldibenzoat (Modulast® Pur)
Citric acid esters / Citrates	Triethylcitrat (Citrofol® A I)  Tributylcitrat (Citrofol® B I)  ATEC (Acetyltriethylcitrat, Citrofol® A II)  ATBC (Acetyltributylcitrat, Citrofol® B II) 
Cyclohexanedicarboxylic acid ester	1,2-Cyclohexanedicarboxylic acid ester (Hexamoll® DINCH)
Glycerine ester	Triacetin (Glycerintriacetat)
Polymer plasticiser	Adipic acid polyester (Ultramoll® III, Ultramoll® IV (RT, MV, HV), Palamoll®)
Sebacic acid ester / Sebacate	DOS (Di-2-ethylhexylsebacat)

### Plasticisers, phthalate

Product	Description
DPHP	Palatinol 10 P (bis-2-propyl heptyl phthalate)
DINP	Palatinol N (diisononyl phthalate)
DMP	Palatinol M (dimethyl phthalate)

## Plasticisers, flame-retardant

### Product

Phosphoric acid esters /  
Phospho-nates

### Description

Diphenyl 2-ethylhexyl phosphate (Disflamoll® DPO)  
Diphenyl cresyl phosphate (Disflamoll® DPK)  
Tricresyl phosphate (Disflamoll® TKP)  
Tricresyl phosphate (Disflamoll® TKP-P)  
Tris-2-ethylhexyl phosphate (Disflamoll® TOF)  
Triphenyl phosphate (Disflamoll® TP)  
Phosphate formulation (Disflamoll® TP LXS 51036)  
Butylated triphenyl phosphate (Disflamoll® 51092)





# INDUSTRIAL CLEANING

## Ready-to-use cleaners

Product	Description
Industrial cleaners	Aqueous and solvent-based cleaners for removing residues (e.g. oily) and soiling in workshops and production facilities.
Emulsion paint cleaner	Cleaning, disinfection and preservation of containers, paint and pigging lines and technical equipment.
Degreaser	Aqueous and solvent-based cleaners for degreasing components.
Paint stripper	Gentle paint stripper for various substrates, aqueous and solvent-based systems.
Aqueous system cleaner	Ready-to-use solutions and concentrates (also VOC-free) for fast and residue-free dissolving of water-based paints.
PU-Cleaner / Special solvent	Aqueous and solvent-based cleaner for removing PU residues, e.g. from moulds also dissolves hardened material.
Pre-treatment	Efficient and sustainable pre-treatment before painting/coating.

## Thinners

Product	Description
Nitro thinner	
Universal thinner	
Low-VOC thinner	Tailor-made thinners for diverse applications.
VOC-free thinner	
Washing thinner	



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