Listening makes the difference!

We have supplied the coatings industry for many years with a wide range of high-quality intermediates for the production of modern coatings. Binders, crosslinking agents and reactive diluents as well as solvents and additives form part of our portfolio. Our integrated global production and logistics ‘Verbund’ enables us to supply our customers around the globe flexibly and reliably. We foster and support the growth of our customers at all stages of the coatings value chain.

In close cooperation with our customers, we also develop new intermediates that are specifically adapted to the needs of the coatings industry. We support the development of new businesses and contribute to the improvement of existing formulations. Intensive communication with our customers forms the basis of our work.

In the past years, we have continuously expanded our expertise especially for the coatings industry, acquiring specific knowledge in this field. In the future we intend to support and promote innovations in the various business areas of this industry even more systematically and faster than ever to help our customers to keep growing profitably.

It is listening that makes the difference! By offering a wide range of innovative approaches and methods we strive for a target-oriented dialogue with our customers. In this way, too, we promote our goal of making our customers more successful.

Focusing on coatings industry needs, we organize professional innovation workshops, develop new products in joint projects and offer technical support. Additionally our internet-based coatings barometer gives you an up-to-date impression of sentiment in the coatings industry.

The data contained in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, the data does not relieve processors from carrying out their own investigations and tests; neither does the data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. The safety data given in this publication is for information purposes only and does not constitute a legally binding Material Safety Data Sheet (MSDS). The relevant MSDS can be obtained upon request from your supplier or you may contact BASF directly at info.intermediates@basf.com.

Contact us

Europe
Edouard Loisel
BASF SE
Carl-Bosch-Str. 38
67056 Ludwigshafen
Germany
Phone: +49 621 60-42040
edouard.loisel@basf.com

North America
Dr. Wan-Li Liu
BASF Corporation
North America Regional Headquarters
100 Campus Drive
Rahway, NJ 07065
Phone: +1 973 245 6692
wanli.liu@basf.com

Asia
Mr. Hiroyasu Kanno
BASF Japan Ltd.
Roppongi Hills Mori Tower 21F
6-10-1 Roppongi
Minato-ku
Tokyo, 106-6121
Japan
Phone: +81 3 3796-4934
hiroyasu.kanno@basf.com
UV coatings

UV-curable coating technology provides benefits in terms of good performance, environmental compatibility and processing efficiency. Liquid forms of UV-curing systems are solvent-free, require low energy for curing, and are adaptable to most conventional coating methods. Employing either radical or cationic curing mechanisms, the crosslinking of these coatings is initiated by means of UV light. UV-curable coating formulations are based on acrylic or styrenic monomers and oligomers. In addition to O-vinyl compounds (e.g., vinyl ethers) used as reactive diluents, BASF also offers a range of N-vinyl compounds (e.g., N-Vinyl caprolactam) for UV-curable coatings.

BASF offers broad expertise in a wide range of high-quality intermediates for manufacturing modern coatings. With our global reliability and flexibility as well as our clear dedication to innovation and ability to meet the needs of customers in the coatings industry, we strive to meet the needs of customers in the coatings industry. Intensive communication with our customers forms the basis of our work.

**Curing Technologies**

- Physical drying
- Oxidative drying
- Urethanes
- Amino resins
- Epoxies
- Radiation curing

**Curing Technologies**

- Polyester (including alkyds and UP resins)
- Polyurethanes
- Acrylic and vinyl polymers
- Epoxies
- Amino resins
- Reactive diluents
- Special solvents
- Additives

**Building Blocks/Chemistry**

- Amine
- N-Methylethanolamine
- Polyalcohols and Derivatives
- 1,4-Butanediol
- 1,5-Pentanediol
- HDO® 1,6-Hexanediol
- Neol® Neopentylglycol, NPG
- Hyroxypivalic neopentylgycol ester, HPN
- TMP® Trimethylolpropane
- PolyTHF® 250, 650 S, 1000, 1000 S, 1400, 1800, 2000, 2000 S
- Capromer™ M (epsilon-caprolactone)
- Capromer™ PD4-05* (polycaprolactone)
- Capromer™ PT1-05* (polycaprolactone)

**Applications**

- Automotive
- General industry
- Wood
- Can and coil
- Graphic arts
- Architectural
- Others

**Distinguished Properties**

- Anti-corrosion

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BASF offers multi-functional polyol intermediates for the manufacturing of UV-curable acrylic monomers and oligomers. In addition to O-vinyl compounds (e.g., vinyl ethers) used as reactive diluents, BASF also offers a range of N-vinyl compounds (e.g., N-Vinyl caprolactam) for UV-curable coatings.

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"New products within BASF Intermediates' portfolio"