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. Binder, 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.

In close cooperation with our customers, we 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 the industry even more systematically and better 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.

We focus on coating industry needs, set up regular 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.

Solvent-borne and high-solids coatings

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### Solvent-borne and high-solids coatings

Solvent-borne formulations have historically demonstrated high performance in diverse coating applications. Solvent-borne formulations are comprehensively used in automotive coatings, industrial coatings, and printing inks. New high-solids formulations (50-70% solids) successfully meet regulations with regard to volatile organic compounds (VOC regulations) customer specifications.

Solvent-borne coatings are formulated as one- or two-component systems using a variety of commercially available binders.

- BASF offers building block options to the manufacturers of alkyd and polyester resin. Vinyl ethers, with different alkyl groups, are used as specialty monomers in making PVC copolymers and furan resins used as variable binders in anti-corrosion coatings.
- The curing characteristics of two-component epoxy and incorporate-based coating formulations are promoted by BASF’s Lupragen® catalysts. Specialty solvents are available to increase the performance of the coatings.

#### BASF’s Lupragen® catalysts
- Lupragen® NMI
- Lupragen® DMI
- Lupragen® N 700
- Lupragen® N 201, 202, 203
- Lupragen® N 101
- Lupragen® N 100
- Lupragen® API

### New products within BASF Intermediates’ portfolio

- 1-Ethynyl-1-cyclohexanol
- 4-Ethyl-1-octyne-3-ol
- 2-Ethylimidazole ultra pure
- 2-Methylimidazole pure
- 1,4-Cyclohexane dimethanol monovinyl ether
- Hydroxybutyl vinyl ether
- Octadecyl vinyl ether
- Dodecyl vinyl ether
- Cyclohexyl vinyl ether
- iso-, tert., n-

### Vinyl Ethers

- gamma-Butyrolactone
- Propylene carbonate S
- Ethylene carbonate S
- N-Ethylpyrrolidone
- N-Methylpyrrolidone

### Speciality Solvents

- tert.
- Amyl alcohol
- Butyl vinyl ether
- Butyl vinyl ether
- Butyl vinyl ether

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**Products**

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**Curing Technologies**
- Physical drying
- Oxidative drying

**Building Blocks/Chemistry**
- PolyTHF® 250, 650 S, 1000, 1000 S, 1400, 1800, 2000, 2000 S
- Hyroxypivalic neopentylgycol ester, HPN
- TMP® Trimethylolpropane
- Neol® Neopentylglycol, NPG
- HDO® 1,6-Hexanediol
- 1,4-Butanediol
- 2-Ethylimidazole ultra pure
- 3,4-Ethylidene-dimethoxy-1,2-cyclohexadiene
- 2-Ethylhexanoic acid
- Hydroxylamine base
- Triphenylphosphine pellets

**Applications**
- Automotive
- Graphic arts
- Wood
- Wood
- Can and coil
- Graphic arts

**Distinguished Properties**
- Outstanding flexibility and adhesion
- Excellent UV stability and toughness
- Self-crosslinking
- Reduced viscosity
- Low viscosity
- Enhanced gloss
- Enhanced flexural strength
- Excellent UV stability
- Excellent chemical resistance
- Low viscosity
- Excellent flexibility
- Excellent toughness
- Improved flexibility and solubility
- Excellent adhesion
- Excellent flexibility
- Excellent toughness
- Improved flexibility
- Improved resistance
- Improved flexibility

**Additives**

- Retarding agent
- Blocking agent

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“New products within BASF Intermediates’ portfolio.”