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.

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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 product-safety.intermediates@basf.com.
UV-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 oligomers (mainly acrylic esters of polyesters, polyethers, polyurethanes and epoxy resins).

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.

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 we strive to meet the needs of customers in a sustainable manner. Our worldwide team of experts is at your service to support our customers from the onset of our work.

UV-curing products include:
- **Monomers**
- **Curing Technologies**
- **Building Blocks/Chemistry**
- **Applications**
- **Distinguished Properties**

### Monomers

- N-Methylpiperazine

### Curing Technologies

- Physical drying
- Oxidative drying
- Radiation curing

### Building Blocks/Chemistry

- Urethanes
- Amino resins
- Epoxies

### Applications

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

### Distinguished Properties

- High flexibility, improved adhesion
- Excellent viscosity reduction
- Excellent UV stability, outstanding chemical resistance, low viscosity, flexibility, toughness

BASF offers innovative solutions that meet the needs of the coatings industry.