

## **Initiators**

Ideal Cross-Linking





# Initiators

## Ideal Cross-Linking

Reactive resin processing requires precise matching of initiators to ensure optimal polymerization and curing. They adhere to the highest quality and safety standards. When combined they allow processors to tailor the curing reaction to their processing conditions and end-product requirements.

In addition to our BÜFA products we also provide essential complementary commodities such as initiators, curing agents, accelerators, inhibitors and peroxides of premium partners in each country to complete the full range of products for the processing of composite parts.



Innovative and Sustainable Reactive Resin Specialties.  
New Chemistry for Sustainable Composite Components.

## Accelerators on a Co-Neodecanoat Base

Product name	Item no.	Application	Characteristics	Handling
BÜFA®-Accelerator Co 1	7421062	Accelerates curing suitable for curing UP and VE resins and for use with ketone peroxide	Cobalt-Neodecanoat, 1 % dissolved in styrene and xylene	Easy to meter because of the low concentration
BÜFA®-Accelerator Co 4	7421065	Accelerates curing suitable for curing UP and VE resins and for use with ketone peroxide	Cobalt-octoate, 4 % dissolved in styrene and xylene	Easy to meter because of the low concentration
BÜFA®-Accelerator Co 6	7421600	Accelerates curing suitable for curing UP and VE resins and for use with ketone peroxide	Cobalt-octoate, 6 % dissolved in xylene	Modification of larger quantities
BÜFA®-Accelerator Co 10	7421072	Accelerates curing suitable for curing UP and VE resins and for use with ketone peroxide	Cobalt-octoate, 10 % dissolved in xylene	Modification of larger quantities
BÜFA®-Accelerator Co 10 BTXfree/ NEW	7951222	Accelerates curing suitable for curing UP and VE resins and for use with ketone peroxide	10 % Cobalt accelerator without BTX and styrene-free, food contact	Modification of larger quantities



## Accelerators on an Amine Base

Product name	Item no.	Application	Characteristics	Handling
BÜFA®-Accelerator DEA 10	7420083	Optimises curing, for use with benzoyl peroxide suitable for curing UP and VE resins Improves curing in high humidity	Diethyl anilin, dissolved in styrene	Modification of larger quantities

## Accelerators on a Co-Neodecanoat and Amin Base

Product name	Item no.	Application	Characteristics	Handling
BÜFA®-Accelerator Complex 0064	7421064	Accelerates and optimises curing suitable for curing UP and VE resins and for use with ketone peroxide	Cobalt-Neodecanoat and Amines dissolved in styrene and xylene	Modification of larger quantities

The products listed above are selected from our standard portfolio. They may differ from country to country. Different commercial products in each country may also complete the range. For special enquiries, please get in touch with your experts in the relevant country distribution companies.

The data given above is approximate information without warranty. The latest, detailed information is found in the respectively valid Technical Information Sheet and/or the corresponding EU Safety Data Sheet which should also be observed.



## Accelerators on a Polymeric Cobalt Base

Product name	Item no.	Characteristics
<b>BÜFA®-Accelerator polymeric Cobalt 1</b>	7420071	Polymeric cobalt, 1 %, dissolved in styrene and xylene
<b>BÜFA®-Accelerator Complex 0095</b>	7421095	Polymeric cobalt 2 %, dissolved in styrene and xylene
<b>BÜFA®-Accelerator polymeric Cobalt 4</b>	7420096	4 % polymeric cobalt, styrene-free
<b>BÜFA®-Accelerator Complex 0097</b>	7420097	Cross accelerator polymeric cobalt / dimethyl aniline dissolved in xylene
<b>BÜFA®-Accelerator Complex 0397</b>	7420397	Cross accelerator polymeric cobalt/DEAA dissolved in xylene



## Inhibitors

Product name	Item no.	Application	Characteristics	Handling
<b>BÜFA®-Inhibitor 10</b>	7420110	For UP and VE resins and for cobalt-accelerated systems Lengthens gel time	TBC, 10 % dissolved in aliphatic esters and styrene	Ready-to-use solution

## Tmax Reduction

Product name	Item no.	Characteristics
<b>BÜFA®-Additive Tmax. Reduction</b>	7420008	Additive dissolved in styrene

## Different Peroxide Types are available on request depending on Distribution Country

### Important Note:

Hardeners, accelerators and, if applicable, inhibitors must be exactly coordinated to each other if the desired effect is to be achieved. The selection of the optimum cold curing system depends on working conditions as well as the requirements placed on the finished products.

### Attention:

It is exceedingly important that peroxides and accelerators are never stirred into the resin at the same time but one after the other to prevent fires or deflagration. Let us to give you good advice.

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