



## CureLac UV for UV-curing

All CureLac systems consist of 100% polymerizable binder ingredients. For this reason, they do not contain any solvents in the conventional sense and consequently do not give off any VOC emissions. There is no risk of inflammability, which means the products are not subject to the German "Flammable Liquids Ordinance" (VbF). For instructions on how to handle these varnishes, please refer to the instruction leaflet issued by the German Printing Ink Manufacturers Association.

CureLac systems are available for different application methods:

	For varnishing paper and board	foils
<b>CureLac UV high-gloss</b>		
for wet offset	<b>UC 5200</b>	<b>UC 5200</b>
for dry offset	<b>UC 3200</b>	<b>UC 4200</b>
for varnishing machines	<b>UC 1200</b>	<b>UC 2200</b>
Letterpress varnish for hot foil stamping	<b>UC 7250</b>	
Varnishing unit varnish for hot foil stamping	<b>UC 7200</b>	
<b>CureLac UV matt</b> (suitable for various stocks)		
for wet and dry offset (suitable for writing upon)	<b>UC 6150</b>	
for wet and dry offset (containing slip agents)	<b>UC 6100</b>	
for varnishing machines*	<b>UC 6200</b>	

Rub resistance depends on the texture of the stock's surface.

Further classifications of varnish can be made available on request. Please submit your specifications and an outline of your requirements.

### Special properties

- High reactivity.
- High mechanical and chemical resistance.
- Very high gloss.
- Low odour.
- Good adhesive properties on dry prints with conventional offset/letterpress inks.
- Low tendency to yellow.

\* The matt effect of these varnishes depends on the film thickness; the heavier the film weight applied, the lesser the matt effect.

## Reducer

CureLac UV-Reducer UC 8200 (contains activator). Max. addition 10%.

### NOTE

UV varnishing over conventional inks can lead to trapping problems, which result in what are known as “orange peel” or “crater formation” effects, or in inadequate adhesion of the cured varnish film. For this reason, use special UV-varnishable, conventional-drying inks. Suitable are quick-setting inks (please see also [TI 32.11 E](#)).

## Labelling

German Hazardous Substances Ordinance (GefStoffV): none

Safety data sheet available on request.

## Shelf life

Max. 3 months at 20 °C in closed container.

Keep in a cool, dark and frost-free place.

## Containers

500-kg containers

120-kg non-returnable barrels

10-kg containers

1-kg vacuum-sealed cans (CureLac UV for wet and dry offset only)

### ATTENTION

Colour shifts may occur with inks that are not resistant to solvents, white spirit and alkalis; e.g. HKS® 27, 33 and 43. This problem can be eliminated by using inks with suitable pigmentation and/or special UV-varnishes.

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Contact addresses for advice and further information: [www.hubergroup.de](http://www.hubergroup.de)

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