

# Joncryl<sup>®</sup> 8064

## Key features and benefits

- excellent clarity
- excellent gloss
- fast drying
- good film-forming properties

**a styrene-acrylic emulsion for use in high gloss high quality overprint varnishes**

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## General information

### Typical physical characteristics (not to be considered specifications)

appearance	semi-translucent emulsion
non-volatile	43.5 %
molecular weight (wt. av.)	>200,000
viscosity at 25 °C (77 °F) (Brookfield)	150 mPa.s
pH	8.0
density at 25 °C (77 °F)	1.07 g/cm <sup>3</sup>
acid value (on solids)	158
minimum film-forming temperature	58 °C (136 °F)
glass transition temperature Tg (DSC)	97 °C (207 °F)
freeze/thaw-stable	yes

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## **Applications**

Joncryl® 8064 is a non-film-forming emulsion developed to provide maximum gloss and clarity in overprint varnishes applied in-line over wet offset inks. This high gloss level will be achieved on both printed and non-printed areas of the paper or paperboard.

Although Joncryl® 8064 is a high Tg emulsion, the excellent film-forming properties of this product make it very suitable to produce overprint varnishes that contain no or low levels of coalescents. It allows the formulator to produce varnishes that contain only low levels of resin solution without affecting the gloss.

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## Typical formulation using Joncryl® 8064

high gloss and clarity overprint varnish

70.0 parts	Joncryl® 8064
18.0 parts	Joncryl® 8085
3.0 parts	wetting agent
5.0 parts	PE wax emulsion*
0.5 parts	defoamer
3.5 parts	water
100.0 parts	

\* BASF also offers a full range of wax emulsions and dispersion resins.

For further detailed application information please contact our Technical Support Department.

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## Safety

When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed.

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## Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these 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.

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