

# Printing & Packaging

## Functional Packaging Coatings

Technical Data Sheet

### Joncryl® Wax 28



<b>Product Description</b>	Joncryl® Wax 28 is a paraffin/polyethylene wax emulsion for printing inks, overprint varnish, and functional packaging coating applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- Excellent rub characteristics</li><li>- High melting point</li><li>- Small particle size</li><li>- FDA* acceptability</li></ul>
<b>Chemical Composition</b>	Polyethylene wax emulsion  <i>*The FDA status is available upon request from the contact information provided below.</i>

#### Properties

<b>Typical Properties</b>	Appearance	tan liquid
	Non-volatile at 125°C (2g, 50 min)	~ 34.0% minimum
	pH at °C	~ 9.6
	Viscosity at 25°C (Brookfield #2 LVF spindle, 30 rpm)	~ 50 cps
	Average Particle Size	~ 0.08 µm
	Density at 25°C	1.00 g/cm³
	Melting Point	132°C
	Freeze-thaw stable	No
	Total VOC	3.5% wt

These typical values should not be interpreted as specifications.

#### Applications

Joncryl® Wax 28 is a 34% solids polyethylene wax emulsion that improves the rub resistance of water-based inks and coatings without significant loss of gloss often associated with polyethylene wax additions. It offers the formulator a FDA acceptable, fine particle size, wax emulsion that can be used to enhance rub and scuff resistance in a wide range of applications including high gloss clear overprint varnish, flexographic ink, and gravure ink.

Joncryl® Wax 28 is recommended for applications such as:

- Printing inks for flexographic or gravure applications
- Overprint varnishes for commercial, publication, or packaging applications
- Functional packaging coatings for barrier or heat-seal applications

## Safety

### General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

### Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Joncryl® Wax 28.

---

## Important

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, they are provided for guidance only. Because many factors may affect processing or application/use, BASF recommends that the reader make tests to determine the suitability of a product for a particular purpose prior to use. **NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESCRIPTIONS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS.** In no case shall the descriptions, information, data or designs provided be considered a part of BASF's terms and conditions of sale. Further, the descriptions, designs, data, and information furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for the descriptions, designs, data or information given or results obtained all such being given and accepted at the reader's risk.

*Joncryl is a registered trademark of BASF Group.*

© BASF Corporation, 2016



BASF Corporation is fully committed to the Responsible Care® initiative in the USA, Canada, and Mexico.

For more information on Responsible Care® go to:

U.S.: [www.basf.us/responsiblecare\\_usa](http://www.basf.us/responsiblecare_usa)

Canada: [www.basf.us/responsiblecare\\_canada](http://www.basf.us/responsiblecare_canada)

México: [www.basf.us/responsiblecare\\_mexico](http://www.basf.us/responsiblecare_mexico)

### U.S & Canada

BASF Corporation  
24710 W Eleven Mile Road  
Southfield, MI 48033  
ph: 1(800) 231-7868  
fax:1(800) 392-7429  
Email: [Custserv\\_charlotte@basf.com](mailto:Custserv_charlotte@basf.com)  
Email: [edtech\\_info@basf.com](mailto:edtech_info@basf.com)  
[www.basf.us/dpsolutions](http://www.basf.us/dpsolutions)

### Mexico

BASF Mexicana, S.A. de C.V.  
Av. Insurgentes Sur # 975  
Col. Ciudad de los Deportes  
C.P. 03710  
Mexico, D.F.  
Phone: (52-55) 5325-2756  
Fax: (52-55) 5723-3011