

# Printing & Packaging

## Functional Packaging Coatings

Technical Data Sheet

### Joncryl® 624



<b>Product Description</b>	Joncryl® 624 is a general purpose, soft film forming, Rheology Controlled (RC) acrylic emulsion for printing ink applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- Water and rub resistance</li><li>- Good film wetting</li><li>- Adhesion to a wide variety of substrates</li></ul>
<b>Chemical Composition</b>	RC acrylic emulsion

#### Properties

<b>Typical Properties</b>	Appearance	translucent emulsion
	Non-volatile at 145° (2g, 60 min)	~ 49.0 %
	pH at 25°C	~ 8.0
	Viscosity at 25°C (#2 LV, 12 rpm, 30 sec)	~ 1,500 cps
	Appearance	translucent emulsion
	Non-volatile	~ 48.0%
	pH	~ 8.2
	Acid number (NV)	~ 50
	Viscosity at 25°C (Brookfield #2 LVF spindle, 12 rpm)	~ 900 cps
	Density at 25°C	~ 1.05 g/cm <sup>3</sup>
	MFFT	< 7°C
	Tg	- 30°C
	Freeze-thaw stable	Yes
	Total VOC	~ 1.1% wt

These typical values should not be interpreted as specifications.

#### Applications

Joncryl® 624 is a general purpose, soft film forming, Rheology Controlled (RC) acrylic emulsion for the use in water-based flexographic and gravure inks on flexible films and foils. It is a versatile film forming emulsion that has good adhesion to a broad range of polyolefin films.

Joncryl® 624 is excellent when used as a universal film forming vehicle with the right combination of properties for surface printing and adhesion lamination applications. When it is used as an additive, this emulsion will impart good rub resistance properties to paper and paperboard inks.

Joncryl® 624 is recommended for applications such as:

- Printing inks for flexographic and gravure 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® 624.

---

## 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, 2013



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