

# Joncryl® 2178-A

<b>Product Description</b>	Joncryl 2178-A is a film forming, Rheology Controlled (RC) acrylic emulsion for functional packaging coating applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- <b>Dry and wet block resistance</b></li><li>- <b>Non-skid properties</b></li><li>- <b>Excellent printability</b></li><li>- <b>Glycol ether free, HAPS free</b></li></ul>
<b>Chemical Composition</b>	RC acrylic emulsion

## Properties

### Typical Properties

Appearance		translucent emulsion
Molecular weight (Mw)		> 200,000
Non-volatile	%	44.0
pH		8.5
Acid number (NV)		66
Viscosity at 25°C	cps	800
Density at 25°C	g/cm <sup>3</sup>	1.04
MFFT	°C	< 0
Tg	°C	42
Freeze-thaw stable		No
Total VOC	% wt	0.06
Glycol ether level	% wt	< 0.002

These typical values should not be interpreted as specifications.

## Application

Joncryl 2178-A is a hard film forming, RC acrylic emulsion with excellent wet and dry block resistance that provides a high slide angle. This combination of properties makes it ideal as a fundamental building block in multi-wall bag and beverage carton formulations. Maximum wet/dry block resistance is obtained when using this emulsion in ink and overprint formulations. In addition, this product provides gloss, printability, and rub resistance to formulations.

Since Joncryl 2178-A is a glycol ether-free, low VOC emulsion, it is ideal for demanding packaging applications like confectionery and food packaging markets that cannot tolerate solvent odor contamination.

Joncryl 2178-A is recommended for applications such as:

- Functional packaging coatings for barrier 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 2178-A.

## Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

---

## Important

The descriptions, designs, and data contained herein are presented for your guidance only. Because there are many factors under your control which may affect processing or application/use it is necessary for you to make appropriate tests to determine whether the product is suitable for your particular purpose prior to use. **NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, OR DATA MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, DATA OR DESIGNS PROVIDED BE PRESUMED TO BE A PART OF OUR TERMS AND CONDITIONS OF SALE.** Further, you expressly understand and agree that the descriptions, designs, and data furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for same or results obtained from use thereof, all such being given to you and accepted by you at your risk.

*Joncryl® is a registered trademark of BASF Group.*

© BASF Corporation, 2023



**Responsible Care®**  
*Good Chemistry at Work*

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)

### **BASF Corporation**

Dispersions and Resins

11501 Steele Creek Road

Charlotte, North Carolina 28273

Phone: (800) 251 – 0612

Email: [CustCare-Charlotte@basf.com](mailto:CustCare-Charlotte@basf.com)

[www.basf.us/dpsolutions](http://www.basf.us/dpsolutions)