

Joncryl® HRC 1661

Product Description	Joncryl HRC 1661 is a hybrid, film forming, Rheology Controlled (RC) acrylic emulsion for overprint varnish and functional packaging coating applications.
Key Features & Benefits	<ul style="list-style-type: none">- Rub resistance- High slide angle- Water resistance
Chemical Composition	RC acrylic emulsion

Properties

Typical Properties	Appearance		semi-translucent emulsion
	Non-volatile	%	47.0
	pH at 25°C		8.3
	Viscosity at 25°C	cps	500
	Molecular weight (Mw)		> 200,000
	Acid number (NV)		54
	Density at 25°C	g/cm ³	1.02
	MFFT	°C	< 0
	Tg	°C	- 42
	Freeze-thaw stable		No
	Total VOC	% wt	0.3

These typical values should not be interpreted as specifications.

Applications

Joncryl HRC 1661 is a high-performance film forming, hybrid RC acrylic emulsion for overprint varnish applications. It provides significant improvements in rub and water resistance at a cost equal to comparable acrylic emulsions. It can be used as a letdown vehicle in paper and paperboard inks. The flexibility of Joncryl HRC 1661 will enhance the rub resistance of inks even when used at low levels.

Joncryl HRC 1661 is recommended for applications such as:

- Overprint varnishes for commercial, publication, or packaging applications
- Functional packaging coatings 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 HRC 1661.

Storage

Please refer to the "Handling and Storage of polymer dispersions" brochure.

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, 2023



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
Canada: www.basf.us/responsiblecare_canada
México: 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
Email: edtech_info@basf.com
www.basf.us/dpsolutions