

Joncryl[®] 50

Product Description	Joncryl 50 is a low VOC solution of Joncryl 682, a very low molecular weight acrylic resin for overprint varnish applications.
Key Features & Benefits	<ul style="list-style-type: none">- <i>Excellent clarity</i>- <i>High gloss and holdout</i>- <i>Low VOC</i>
Chemical Composition	Styrene acrylic resin solution

Properties

Typical Properties	Appearance		clear amber liquid
	Non-volatile at 145°C	%	50.0
	pH at 25°C		8.4
	Viscosity at 25°C	cps	5000
	Molecular weight (Mw)		1,700
	Acid number (NV)		238
	Density at 25°C	g/cm ³	1.11
	Softening point	°C	105
	MFFT	°C	< 5
	Tg	°C	56
	Freeze-thaw stable		Yes
	Total VOC	% wt	0.2

These typical values should not be interpreted as specifications.

Applications

Joncryl 50 is a 50% solids solution of Joncryl 682, an acrylic resin in water and ammonia. It is designed to allow the formulation of low Volatile Organic Compounds (VOC), high solids overprint varnishes with high gloss and excellent holdout.

Joncryl 50 is recommended for applications such as:

- Overprint varnishes for commercial, publication, or packaging 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 50.

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
www.basf.us/dpsolutions