

Printing & Packaging

Technical Data Sheet

Joncryl[®] 89



| | |
|------------------------------------|---|
| Product Description | Joncryl [®] 89 is a general purpose, non-film forming, Rheology Controlled (RC) acrylic resin emulsion for overprint varnish applications. |
| Key Features & Benefits | <ul style="list-style-type: none">- Excellent resolubility- Gloss and clarity- Fast dry- Cost effective |
| Chemical Composition | RC acrylic emulsion |

Properties

| | | |
|---------------------------|--|------------------------|
| Typical Properties | Appearance | opaque emulsion |
| | Non-volatile at 145°C (2g, 40 minutes) | ~ 49.0% |
| | pH at 25°C | ~ 8.6 |
| | Viscosity at 25°C (Brookfield #2LV, 30 rpm, 30 seconds) | ~ 700 cps |
| | Molecular weight (Mw) | > 200,000 |
| | Acid number (NV) | 50 |
| | Density at 25°C | 1.05 g/cm ³ |
| | MFFT | > 80°C |
| | Tg | 98°C |
| | Freeze-thaw stable | Yes |
| | Total VOC | 0.8% wt |

These typical values should not be interpreted as specifications.

Applications

Joncryl[®] 89 is a general purpose, non-film forming, RC acrylic emulsion that provides gloss, clarity, and non-blocking and fast drying properties to overprint varnish formulations.

Joncryl[®] 89 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® 89.

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

Canada: www.basf.us/responsiblecare_canada

México: www.basf.us/responsiblecare_mexico

U.S & Canada

BASF Corporation
24710 W Eleven Mile Road
Southfield, MI 48034
ph: 1(800) 231-7868
fax: 1(800) 392-7429
Email: DispersionsPigmentsCC@basf.com
Email: edtech-info@basf.com
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