

Joncryl® 659-A

| | |
|------------------------------------|---|
| Product Description | Joncryl 659-A is an acrylic colloidal emulsion for use in inks for pre-print and post-print corrugated board and kraft paper applications. |
| Key Features & Benefits | <ul style="list-style-type: none"> - <i>excellent printability</i> - <i>good hot mar resistance</i> - <i>low cost in use</i> |
| Chemical Composition | Acrylic copolymer |

Properties

| | | |
|---------------------------|--|----------------|
| Typical Properties | Appearance | white emulsion |
| | Molecular weight (Mw) | 80,000 |
| | Non-volatile | 44.5% |
| | Viscosity at 25°C (Brookfield LV, #2 spindle at 30 rpm) | < 100 cP |
| | Acid value | 150 mg KOH/g |
| | pH | 2.4 |
| | Density at 25°C | 1.03 g/cm³ |
| | Tg | 93°C |

* These typical values should not be interpreted as specifications.

Application

Joncryl 659-A has been developed for use in inks for both pre-print and post-print corrugated board and kraft paper applications. It provides good transfer and printability at low polymer solids.

Starting Point Formulation

| | |
|------------|------------------------|
| 26.6 parts | Joncryl 659-A |
| 2.0 parts | MEA (monoethanolamine) |
| 71.4 parts | water |

Formulation Properties

| | |
|-------|--------------|
| 11.7% | non-volatile |
| 500 | cP |
| 8.9 | pH |

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 659-A.

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.

Joncryn 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