

Joncryl® 95

General

Joncryl® 95 is an acrylic colloidal for industrial waterborne wood stain applications.

Key features & benefits

ultra-fine particle size
minimal grain raising
good color development

Chemical nature

acrylic colloidal

Properties

Appearance

translucent liquid

Typical characteristics

(should not be interpreted as specifications)

non-volatile at 145 °C (2g, 30 minutes)	30%
pH value @ 25 °C	8.0
viscosity @ 25 °C (Brookfield #2LV, 60 rpm, 30 s)	100 cps
density at 20 °C	1.04 g/mL
MFFT	20 °C
Tg	43 °C
freeze/thaw-stable (-5 °C)	yes

Application

Joncryl® 95 is an ultra-fine particle size, acrylic colloidal designed for use in wood stain applications. It provides solution-like appearance and penetration properties along with reduced grain raising.

Joncryl® 95 is recommended for applications such as interior waterborne wood coatings for furniture or millwork applications

Formulation guidelines

Formulation Solvent

The use of very low coalescent levels is possible due to the film forming characteristics of Joncryl® 95. Typical levels of 5% diethylene glycol mono butyl ether or dipropylene glycol n-propyl ether based on resin solids are recommended.

Solvents can also contribute to improved open time characteristics. Diethylene glycol mono butyl ether or propylene glycol can be utilized for this purpose. Levels between 2%–4% by weight based on the total formula are recommended.

Pigment Choice for Stains

Joncryl® 95-based stains can be pigmented in a number of ways:

1. Dry pigments can be introduced into a water/surfactant grind.
2. Pre-dispersed colorants can be used for convenience.

Processing Caution

Since Joncryl® 95 is not a Rheology Controlled (RC) emulsion, pigments cannot be dispersed directly into this polymer.

Storage

This product should be stored in tightly sealed original package at temperatures above 0°C. This product must be protected from frost for a long time.

For further detailed application information please contact our Technical Support Department.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

® = registered trademark, ™ = trademark of the BASF Group, unless otherwise noted

BASF East Asia Regional Headquarters Ltd.

45th Floor, Jardine House, No. 1 Connaught Place, Central, Hong Kong