

# Joncryl® WAX 35

**general** a hard fine particle size polyethylene wax emulsion

**key features & benefits**

maintains gloss  
decreases the coefficient of friction  
enhanced rub and scratch resistance  
high melting point

**chemical nature** a polyethylene wax emulsion

## Properties

**appearance** clear solution

**typical characteristics**

*(should not be interpreted as specifications)*

non-volatile	34.5 %
Brookfield viscosity at 25 °C	25 mPa.s
pH	9.8
density at 25 °C	0.99 g/cm <sup>3</sup>
average particle size	<1 micron
softening point	130 °C
freeze/thaw-stable	no

## Application

The addition of Joncryl® WAX 35 will significantly improve the rub- and scratch resistance, without affecting the gloss while the coefficient of friction (COF), static as well as dynamic, will be reduced. The high melting point ensures also its effectiveness for those applications, where hot mar resistance is required.

It is advisable to dilute Joncryl® WAX 35 with water prior to its addition to inks or lacquers, to avoid shock.

Joncryl® WAX 35 TDS EN (08-2019)

**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.

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