

Joncryl® PRO 1524

General

Joncryl® PRO 1524 is an acrylic dispersion for high gloss corrosion-resistant coatings.

Key features & benefits

- Excellent corrosion resistance
- High gloss (> 80GU @60°)
- Low VOC capable (< 100 g/L)
- Excellent wet/dry adhesion on metal
- Excellent UV durability
- Good chemical resistance
- APEO free

Chemical nature

acrylic dispersion

Properties

Appearance

semi-translucent emulsion

Typical characteristics

(should not be interpreted as specifications)

non-volatile at 145°C (1g, 60 minutes)	41.5 ~ 44.0%
pH at 25°C	7.5 ~ 8.9
viscosity at 25°C (Brookfield #3LV,30rpm, 60 seconds)	250 ~ 1,750 cps
density at 20 °C	1.03 g/mL
MFFT	25°C
freeze/thaw stable (-5 °C)	yes

Application

Joncryl® PRO 1524 is an acrylic dispersion for direct-to-metal applications. It has excellent corrosion resistance without the use of anti-corrosive pigments as determined by Salt Spray Resistance ASTM B 117. Furthermore, this emulsion offers good chemical resistance, excellent wet and dry adhesion and can be formulated at VOC levels of less than 100 g/l VOC.

Joncryl® PRO 1524 is designed for industrial direct-to-metal applications that require a high gloss (>80 at 60°) and exhibits an excellent balance of performance properties. Joncryl® PRO 1524 is recommended for interior/exterior general metal industrial coating applications

Formulation Guidelines

Recommend using hydrophobic coalescent, such as DPnB, PnB, Texanol, etc. to improve the film forming. The total dosage is about 5% ~ 10% based on the dispersion supply form.

Storage

The product should be kept more than 0°C with sealed package. Must prevent from frost in a long term.

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.

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BASF East Asia Regional Headquarters Ltd.

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