



UVACURID® PrimeCup C81 Mixing List

Mixing Recommendations for PANTONE® Metallic Base Colours 871C - 877C

Practice Remarks

PANTONE® 871C Gold

50,0% C81-X60101 Varnish yellow tinted
30,0% C81-X60151 Varnish orange tinted
20,0% U0084 Silver Paste (non low-migration)

PANTONE® 872C Gold

40,0% C81-X60101 Varnish yellow tinted
40,0% C81-X60151 Varnish orange tinted
20,0% U0084 Silver Paste (non low-migration)

PANTONE® 873C Gold

30,0% C81-X60101 Varnish yellow tinted
50,0% C81-X60151 Varnish orange tinted
20,0% U0084 Silver Paste (non low-migration)

PANTONE® 874C Gold

10,0% C81-X60101 Varnish yellow tinted
70,0% C81-X60151 Varnish orange tinted
20,0% U0084 Silver Paste (non low-migration)

PANTONE® 875C Gold

32,0% C81-X60101 Varnish yellow tinted
53,0% C81-X60201 Varnish red tinted
15,0% U0084 Silver Paste (non low-migration)

PANTONE® 876C Gold

20,0% C81-X60101 Varnish yellow tinted
60,0% C81-X60201 Varnish red tinted
20,0% U0084 Silver Paste (non low-migration)

PANTONE® 877C Silver

80,0% C81-X60877 Varnish
20,0% U0084 Silver Paste (non low-migration)

UVACURID C81 Mischliste Pantone Metallic

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The statements made in this publication are according to our current knowledge. They do not absolve the user from his own responsibility to ascertain that our products are suitable for his process. They are intended to inform and advise and are subject to influence from the technical process.

This edition 04/2017-UVACURID C81 Mischliste Pantone Metallic-1 dated April 12, 2017 replaces the previous edition dated May 3, 2016.

With the present edition expires the validity of all older editions.

ZG Division: Printing inks
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Formulations for Varnishes

It is also possible to mix the varnishes from our monopigmented Z-baseinks:

C81-X60101 Varnish yellow tinted

38,0% C81-X60001 Transparent White
49,9% C81-Z2101 Yellow
8,4% C81-Z2150 Orange
3,7% U0054 UV Stabiliser

C81-X60151 Varnish orange tinted

37,0% C81-X60001 Transparent White
39,8% C81-Z2150 Orange
19,7% C81-Z2101 Yellow
3,5% U0054 UV Stabiliser

C81-X60201 Varnish red tinted

53,0% C81-X60001 Transparent White
33,7% C81-Z2150 Orange
9,7% C81-Z2200 Red
3,6% U0054 UV Stabiliser

C81-X60877 Varnish

94,0% C81-X60001 Transparent White
0,6% C81-Z2202 Red
0,5% C81-Z2400 Black
0,5% C81-Z2150 Orange
0,4% C81-Z2300 Blue
4,0% U0054 UV Stabiliser

U0084 not low-migration

The Silver paste U0084 cannot be designated as low-migration due to the classification of one of its raw materials which is absolutely necessary for its production. However depending on application and barrier properties of the substrate it is still possible to produce conforming food packaging with it. Generally we recommend that the user sends his finished products to

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a recognized analytical institute for examination and certification. That way he can prove that his products comply with the legal requirements.

Approximation Formulations

The specifications above are approximation formulations. It may be necessary to adjust them to your practical conditions. We mixed the recipes under the following conditions:

Ink Lay-Down: 1,5 g/m²

Substrate: PVC

Stability

The stability of mixtures of metallic pastes with radiation-curing inks is very limited. Early polymerisation may occur. Therefore please mix only the required quantity immediately before beginning to print. Due to their comparatively high weight metal pigments have a tendency to settling. Therefore metallic inks should always be stirred up thoroughly but carefully with as low shear as possible.

Preliminary Tests Recommended

Before beginning to print we recommend practice oriented pretests on your substrate, in order to test the desired characteristics of the finished product. Please ask also for the complete technical information for the ink series mentioned in this document.

Kindly note that we are ready at any time for competent technical application support on your site. Please contact our technical service centre for printing inks:

Ink-Service@Zeller-Gmelin.de

Tel: +49 7161 802-279

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