

CIU : Multicompatible industrial colorants

1. DEFINITION :

The **CIU** industrial colorants produced by COLORIS GLOBAL COLORING CONCEPT are designed for the coloration of solvent based protective coatings and solvent based industrial coatings both for in plant tinting and for point of sale.

2. FIELD OF USE :

The **CIU** colorants are used for coloration of the following products:

- Polyurethane paints
- Epoxy paints
- Short oil alkyd paints
- Acrylic paints
- Chlorinated rubber paints
- Nitrocellulosic paints

It is the user responsibility to check if his choice of colorant is suitable to the final use.
For example : compatibility with paint, temperature, pH substrate.

3. SUITABILITY :

The **CIU** colorants enable to optimize the coloration of protective coatings and industrial coatings thanks to an excellent compatibility with the various families of binders mentioned above.

They are usable in the different tinting machines of the market, manual, semi-automatic and automatics after checking and possible adaptation of the physic-chemical compatibility of the elements of the machine with the colorants.

The colorants must always be well homogenized by mechanical agitation before using. The aptitude for use of the colorants is guaranteed two years from manufacturing date in unopened packaging if they are stored between 5 and 40°C, even if they keep in theory all their qualities during a longer period of storage.

4. HANDLING AND SAFETY :

Please consult the CIU colorants Material Safety Data Sheet and follow the rules of hygiene and safety indicated. This Material Safety Data Sheet can be consulted on our website at the following address: www.coloris-gcc.com

5. CHARACTERISTICS OF THE COLORANTS:

See enclosed table for the following characteristics: density, percentages of dry pigment are given as an indication. The values of the light fastness, weather fastness and fastness to acid, alkali and solvent are standard typical data linked to the color index of the pigment so they are given as an indication.

For other characteristics, ask for the Product Specification Sheet if necessary.

Product Data Sheet**COLORIS GLOBAL COLORING CONCEPT**

Version : 20150518_TDS_CIU_gb (cancels any former edition)

Edition date : 18 may 2015

**6. CLASSICAL SELECTION:**

Code	Color Name	Color Index	Density	% Pigment	Light Fastness 0 - 8			Weather Fastness 0 - 5			Fastness to :		
					Full Shades	Medium shades	Pastel Shades	Full Shades	Medium shades	Pastel Shades	Acids	Alkalis	Solvents
IU.BA	White	PW 6	2.05	62	8	8	8	5	5	5	5	5	5
IU.JO	Oxide Yellow	PY 42	1.77	59	8	8	8	5	5	5	5	5	5
IU.RO	Oxide Red	PR 101	2.13	34	8	8	8	5	5	5	5	5	5
IU.NO	Black	PBk 7	1.73	9	8	8	8	5	5	5	5	5	5
IU.NH	Deep Black	PBk 7	1.08	17	8	8	8	5	5	5	5	5	5
IU.VR	Green	PG 7	1.10	24	8	8	8	5	5	5	5	5	5-4
IU.BE	Blue	PB 15:4	1.07	23	8	8	8	5	5	5	5-4	5-4	5
IU.MA	Magenta	PR 282	1.04	17	8	8	8	5	5	5	5	5	5-4
IU.VI	Violet	PV 23	1.02	9	8	8	8	5	5	4-5	5	5	5-4
IU.SJ	Yellow SP	PY 184	1.94	26	8	8	8	5-4	5-4	5-4	5-4	5	5
IU.SO	Orange SP	PY 139	1.15	31	8	8	8	5-4	5-4	5-4	5	5	5
IU.SR	Red SP	PR 255	1.12	29	8	8	8	5	5	5-4	5	5	5-4
IU.NE	Neutral	PW 21	1.96	70	8	8	8	5	5	5	5	5	5
IU.JT	Tulip Yellow	Mix PY 74	1.22	37	8-7	N.U.	N.U.	5-4	N.U.	N.U.	5	5	5-3
IU.OR	Orange	PO 34	1.06	27	7-6	N.U.	N.U.	5-4	N.U.	N.U.	5	5	5-4
IU.RG	Red	PR 170	1.08	30	7	N.U.	N.U.	4	N.U.	N.U.	5	5	5

Guidance figures only without any contractual value. This edition is in the English language. It also exists in French language which is the official language.

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**7. HIGH CONCENTRATION AND SPECIAL SELECTION :**

Code	Color Name	Color Index	Density	% Pigment	Light Fastness 0 - 8			Weather Fastness 0 - 5			Fastness to :		
					Full Shades	Medium shades	Pastel Shades	Full Shades	Medium shades	Pastel Shades	Acids	Alkalis	Solvents
IU.WA	White HC	PW 6	2.20	73	8	8	8	5	5	5	5	5	5
IU.BF	Sapphire Blue	PB 15:6	1.10	23	8	8	8	5	5	5-4	5-4	5-4	5
IU.BO	Claret	PV 19	1.25	13	8-7	8-7	8-7	4	4	4-3	5	5	5-3
IU.RH	Red Oxide HC	PR 101	2.10	66	8	8	8	5	5	5	5	5	5
IU.OA	Coral Orange	PO 36	1.20	40	8-7	8-7	8-7	5-4	5-4	3-4	5	5	5-4
IU.OB	Heat Orange	PO 73	1.07	27	8-7	8-7	8-7	5-4	5-4	5-4	5	5	5-4
IU.OC	Gold Apple	PO 67	1.15	35	8-7	8-7	8-7	5-4	5-4	5-4	5	5	5-4
IU.JA	Honey Yellow	PY 83	1.10	25	8	8	8	4	4-3	4-3	5	5	5
IU.JB	Citrus Yellow	PY 138	1.18	37	8	8-7	7	5-4	4	3	5	5	5-4
IU.JC	Gold Yellow	PY 184	2.01	61	8	8	8	5-4	5-4	5-4	5-4	5	5
IU.JV	Bright Yellow	PY 74	1.03	18	8-7	N.U.	N.U.	5-4	N.U.	N.U.	5	5	5-3

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8. TRANSPARENT IRON OXIDE :

Code	Color Name	Color Index	Density	% Pigment	Light Fastness 0 - 8			Weather Fastness 0 - 5			Fastness to :		
					Full Shades	Medium shades	Pastel Shades	Full Shades	Medium shades	Pastel Shades	Acids	Alkalis	Solvents
TI.RO	Transp. Oxide Red	PR 101	1.25	25	8	8	8	5	5	5	5	5	5
TI.JO	Transp. Oxide Yellow	PY 42	1.25	25	8	8	8	5	5	5	5	5	5

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