



Working Together for Quality

ISO 9001
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Dominion Colour Corporation

Coating Pigments
and Preparations

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Coatings Customer eNewsletter

**A review of Yellow & Orange Pigments
for Decorative coatings.**

DCC's Yellow & Orange Pigments for Decorative Coatings

At DCC we offer a broad range of standard to high performance lead free pigments for decorative coatings developed to suit specific customer needs based on Organic and Bismuth Vanadate chemistries. In addition hybrid pigments are also offered that are custom developed to specific shade target requirements and performance levels are available upon request. The following pages provide a summary of the range of some of the products from DCC for this important application.

Green Shade Yellows – for Decorative coating applications



Click on image to
view more
information on the
DCC website.

- **DCC Yellow 1105 & 1105XS (PY.3)** – Clean, green shade Hansa with very good WOM in masstone & good in tint.
- **DCC Yellow 1121 (PY.73)** – High strength, green shade transparent Hansa with very good WOM in masstone & fair in tint.
- **DCC Yellow 1120 (PY.74)** – Semi opaque, high strength Hansa with good WOM in masstone & fair in tint.
- **DCC Yellow 7074 & 7574 (PY.74)** – Opaque Hansa's with very good WOM in masstone & good in tint. Medium performance products.

- **DCC Yellow GPC (PY.97)** – Clean yellow medium performance Hansa with very good WOM in masstone & good in tint. Good solvent and heat resistance also.
- **DCC Yellow 7154 & 7754 (PY.154)** – Green shade high performance Benzimidazolone with excellent WOM in masstone & tint. Excellent solvent, chemical and heat resistance also.
- **DCC Yellow 4580 (Hybrid)** – Standard performance Primrose Chrome yellow alternative with very good WOM in masstone & good in tint.



Bismuth Vanadate

*Brilliant Yellow High
Performance
Pigments,
Outstanding Opacity,
Saturation and Colour
Strength, Impressive
Weatherfastness,
Heat Stability and
Rheology*



PIGMENT YELLOW 154

DCC 7154

- High Performance Benzimidazolone
- Excellent Resistance Properties
- Exceptional Weatherfastness



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DCC Yellow 7154

DCC YELLOW 7154 is a high performance green shade yellow pigment that is slightly redder than PY. 151. This product has excellent weatherability, alkali stability and resistance to chemicals and solvents.

- **DCC Yellow 3GMX-SI, 2093, 3GMX/ 3GXS/ 2095, 2GTA, 2094, 2GLMA & 14247** (Greenest shades first - PY.184) – Green shade high performance Bismuth Vanadate pigments providing highly saturated, bright yellow shades with outstanding opacity, chemical resistance, excellent weathering and durability across the colour gamut from pale tints to masstone.

Mid-Shade Yellows – for Decorative coating applications



Click on image to view more information on the DCC website.

- **DCC Yellow 1104** (PY.1) – Semi opaque mid shade Hansa with very good WOM in masstone & fair in tint.
- **DCC Yellow 1112** (PY.75) – Opaque mid shade Hansa with very good WOM in masstone & fair in tint.
- **DCC Yellow 4526** (Hybrid) – Standard performance Lemon Chrome yellow alternative with very good WOM in masstone & fair in tint.
- **DCC Yellow 3RLM** (Hybrid) – Medium shade high performance Bismuth Vanadate based pigment providing excellent opacity and durability.

Red-Shade Yellows – for Decorative coating applications



Click on image to view more information on the DCC website.

- **DCC Yellow 1117** (PY.65) – Opaque standard performance red shade Hansa with very good WOM in masstone & good in tint.
- **DCC Yellow 7110** (PY.110) – Opaque high performance pigment with very good WOM in masstone & tint and excellent heat/ solvent resistance.
- **DCC Yellow 7139** (PY.139) – Opaque high performance pigment used in high end coatings, where superior weatherfastness and hiding power are needed

DCC's Hybrid Colours

- **DCC Yellow 4503** (Hybrid) – Standard performance lead-free Medium Chrome yellow alternative with good WOM in masstone & fair in tint.
- **DCC Yellow 4603** (Hybrid) – Medium performance lead-free Medium Chrome yellow alternative with excellent WOM in masstone & good in tint.
- **DCC Yellow 5RLM** (Hybrid) – Red shade high performance Bismuth Vanadate based pigment providing excellent opacity and durability.

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Orange Pigments – for Decorative coating applications



Click on image to
view more

information on the
DCC website.

- **DCC Orange 1816** (PO.16) – Clean blue shade standard performance Dianisidine orange with good WOM in masstone. Low cost Moly Orange alternative.
- **DCC Orange 7036** (PO.36) – Strong, vivid, blue shade orange Benzimidazolone pigment with very good WOM in masstone & good in tint, and excellent heat/ chemical/ solvent resistance.
- **DCC Orange 7136** (PO.36) – High performance opaque blue shade orange Benzimidazolone pigment with excellent WOM/ heat/ chemical/ solvent resistance.

- **DCC Yellow 4510/ 4610/ 4710** (Hybrids) – Standard, medium & high performance respectively lead-free Yellow shade Molybdate orange alternatives with varying WOM & resistance properties depending on performance level.
- **DCC Yellow 4506/ 4606/ 4706** (Hybrids) – Standard, medium & high performance respectively lead-free Blue shade Molybdate orange alternatives with varying WOM & resistance properties depending on performance level.

Pigment Yellow 34 and Pigment Red 104 Also Known as Chrome Yellow and Molybdate Orange Where they can and cannot be used

Dominion Colour Corporation (DCC) has applied for authorization under REACH for the continued use of its lead based pigments, PY.34 and PR.104, in Europe in industrial and professional applications. These pigments are in demand around the world for demanding applications where their excellent technical performance is required. As you know, DCC does not allow its PY.34 and PR.104 products to be used in applications that could result in exposure to children, and no such applications are included in our REACH application.

Through its membership of the Canadian Paint and Coatings Association, DCC is a supporter of the International Paint and Printing Ink Council, Inc. (IPPIC) and its contribution to the Global Alliance for the Elimination of Lead in Paints (GAELP). DCC supports worldwide restrictions on lead use in decorative paints and children's products. DCC offer excellent lead-free products for such uses.

To protect children

To protect children's health, DCC does not sell PY.34 or PR.104 for the following applications:

- Decorative coatings
- Children's articles including toys, paints, jewelry and equipment
- Consumer products
- Printing inks for consumer products
- Food and food packaging

VISION

**Our Vision is to
provide Colour to the
World with a
reputation for
Consistent Quality
Excellence**

PURPOSE

**Our Purpose is to
fulfill the needs of our
Customers, and to
thereby create
Opportunities for
Employees, our
Owner, the Community
and other
Stakeholders to
Prosper**

VALUES

**We Treat and Respond
to one another with
Honesty, Integrity,
Dignity and Respect.**

**We Strive to Excel in
fulfilling the needs and
expectations of our
Customers, both
Internal and External.**

**We Expect and Support
Quality and Excellence in
Everything We Do**

**We Expect and Support
Safety and Protection of
the Environment**

**We Practice Open Lines
of Communication and
Respect one another's
Point of View**

- Drugs and medical devices
- Ceramics and glassware
- Cosmetics and tattoos*

Ask your sales team about our high quality lead-free pigments for these applications. The rest of this newsletter describes some lead-free pigments for use in Decorative Coatings.

To protect workers

DCC and our valued customers share an interest in protecting the occupational health and safety of workers who handle our lead-based pigments. We want to remind you that minimum precautions for *The Safe Handling of PY.34 and PR.104 Pigments* are described in the DCC publication, available at www.dominioncolour.com. Please read this pamphlet carefully, and make it available to any workers exposed to our lead-based pigments.

For further information on any topic in this newsletter, please contact your DCC Sales Representative.

*Note – DCC does not allow the use of any of its products for use in Tattoos

Please contact your local sales representative for more information on the products advertised here and any others in our 'Coating Pigments and Preparations' range.

Your Sales Representatives:

North America:

[Mike Smith](#), Key Account Manager, Coatings
[Paul Holder](#), Technical Sales Representative
[Suzanne Letrondo](#), Sales Representative, NA
[Bob Neu](#), Business Development Manager, NA
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Integrated Colour Solution Provider

Dominion Colour Corporation (DCC) and its subsidiary companies together provide colour to the world through the development, manufacture, marketing and distribution of a full range of inorganic and organic colour pigments, pigment preparations and dispersions, as well as some speciality coatings and digital inks.

Through the unstinting efforts of our employees and partners, DCC strives to excel in fulfilling the needs and expectations of customers in over 75 countries by consistently supplying quality products and services to customers in the plastics, coatings, printing ink, paper and artists colour industries both locally and global.
