



HEUCOTINT - Colorful Perspectives

Environmentally Friendly Universal Colorants

Introduction

Heubach is a leading, independent global manufacturer with expertise in pigments and pigment dispersions. A 200-year history of expertise in pigment production combined with ongoing innovations has enabled our continued growth. This has been accomplished by providing our customers with products that allow them to succeed in their respective markets.

Our latest innovation is the HEUCOTINT line of universal colorants.

HEUCOTINT are environmentally friendly colorants that are VOC-Free, APE-Free and contain no formaldehyde. They can be used in both water-based and solvent-based architectural coatings exhibiting broad-based compatibility. The pigments selected are designed to provide superior lightfastness and weathering while still remaining cost effective.

HEUCOTINT colorants are specifically designed for volumetric dispensing at point-of-sale but can also be used for tinting in-plant. They are very tightly controlled affording our customers with excellent consistency at point-of-sale or in the plant.

HEUCOTINT colorants are provided with the standard 12 colorants required for the America's market. However, with our considerable experience in custom dispersions, Heucotech can provide colorants matched to the exact needs of our customer. Our goal is to provide our customer with the exact products you need in order to give them a competitive advantage in the marketplace.

Summary of Benefits

- › Environmentally Friendly
 - › VOC Free
 - › APE Free
 - › Formaldehyde Free
- › Universal for acceptance in Latex and Solvent paint bases
- › Selection of pigments with excellent fastness properties
- › Broad compatibility profile
- › High degree of customization to meet our customer's needs
- › Extensive knowledge and production of pigments



Technical Service

Our team of technical specialists will assist with any questions related to color space, product quality and assistance with all phases of the implementation of a color system. Our technical support includes:

- › Testing and adjustment of base materials and/or colorants
- › Compatibility Testing
- › Preparation of color formulations
- › Consultancy on equipment such as dispensing equipment and coloristic software



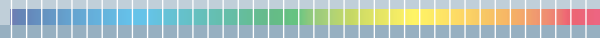
HEUCOTINT Physical Properties

Products	Mass Tone	Tint Tone	Typical Wt./Gal [Lbs.]	Typical Viscosity [Ku's]	Solids [%]	% Composition by Weight			% Composition by Volume			Grind [hegman]	pH	VOC ¹⁾ [g/L]
						Pigment Solids	Vehicle Solids	Volatiles	Pigment Solids	Vehicle Solids	Volatiles			
YU13006 Organic Yellow AXX			11.30	80.0	62.8	45.00	18.10	36.90	27.1	42.9	30.0	6	8.8	0.00
KU17002 Lamp Black B			11.00	79.0	60.7	39.70	23.80	36.50	21.1	29.8	49.1	6	8.2	0.00
YU13004 Yellow Oxide C			15.40	95.0	71.6	59.50	18.60	21.90	27.8	31.7	40.5	6	8.3	0.00
GU14002 Phthalo Green D			11.80	87.0	61.4	46.10	17.40	36.50	25.0	23.1	51.9	6	8.5	0.00
BU15002 Phthalo Blue E			11.40	85.0	63.1	43.00	23.30	33.70	23.4	20.9	46.7	6	8.4	0.00
RU11006 Red Oxide F			17.10	96.0	77.0	60.00	24.10	15.90	33.7	32.6	33.7	6	8.4	0.00
XU17005 Brown Oxide I			14.40	91.0	69.2	56.40	16.60	27.00	26.7	26.4	46.9	6	8.3	0.00
WU10002 Titanium Dioxide KX			16.90	90.0	81.8	72.00	12.15	15.85	40.5	26.9	32.6	6	8.5	0.00
XU17004 Raw Umber L			12.50	89.0	64.5	49.25	20.35	30.40	26.2	28.2	45.6	6	8.2	0.00
RU11005 Organic Red R			11.10	81.0	61.8	41.20	25.13	33.67	23.6	31.4	45.0	6	8.3	0.00
YU13005 Medium Yellow T			10.50	78.0	53.0	43.00	21.68	35.32	33.2	23.1	43.7	6	8.8	0.00
RU11004 Magenta V			10.30	84.0	57.8	31.55	28.01	40.44	18.4	31.6	50.0	6	8.7	0.00

¹⁾ As measured by EPA test Method 24

Our product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as a guarantee. The processing company must establish the suitability of individual products itself. As their use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and ourselves.

www.heubachcolor.com



Contact: Heucotech Ltd. · 99 Newbold Road · Fairless Hills, PA 19030 · USA · Tel 1-800-HEUBACH · Fax 1-215-736-2249
E-Mail: sales@heubachcolor.com

Europe: Heubach GmbH · Heubachstraße 7 · 38685 Langelsheim · Germany · Tel 49-5326-52-0 · Fax 49-5326-52-213

Asia: Heubach Colour Pvt. Ltd. · 2nd Floor, Landmark-Building · Race Course Circle · Baroda 390 007 · India · Tel 91-265-2343-310 · Fax 91-265-2341-682
Hangzhou Heubach Pigment Co, Ltd · Room 11-1-302, Da Shi Jie Wu Jin Cheng, 168 Jian Ding Road, Hangzhou 310021 · China · Tel 86-573-87634106 · Fax 86-573-87967925